### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 3
--------

AMENDED REPORT (highlight changes)

		APPLICA	TION FOR P	ERMIT TO	DRILL			5. MINERAL LEASE NO:		SURFACE:
1A. TYPE OF W	ORK: [	ORILL 🔽	REENTER	DEEPEN				7. IF INDIAN, ALLOTTEE		
B. TYPE OF WE		. =	OTHER		GLE ZONE	MULTIPLE ZON	IE 🗾	8. UNIT or CA AGREEM	ENT NAM	ΛE:
2. NAME OF OP WESTPOR		AS COMPA	NY, L.P.					9. WELL NAME and NUM HATCH 923-1		
3. ADDRESS OF 1368 S 120		CITY VER	NAI	UT 21P 84		PHONE NUMBER: (435) 781-7060		10. FIELD AND POOL, C	R WILD	CAT:
	WELL (FOOTAG		647032	7 √	40 04			11. QTR/QTR, SECTION	, TOWN	SHIP, RANGE,
	491' FNL D PRODUCINGZO		443362	14	-109.2	176541		MERIDIAN: NENW 13	9S	23E
14. DISTANÇE II	N MILES AND DIR	ECTION FROM N	EAREST TOWN OR POST	OFFICE:				12. COUNTY:		3. STATE: UTAH
26.25 MI	LES SOUT	HEAST OF	OURAY, UTAH					UINTAH		UTAH
15. DISTANCE T	ONEAREST PRO	PERTY OR LEAS	LINE (FEET)	16. NUMBER O	FACRES IN LEAS	E: 2520	17. N	UMBER OF ACRES ASSIG	NED TO	THIS WELL:
18. DISTANCE T	O NEAREST WEL	L (DRILLING, CO	MPLETED, OR	19. PROPOSED	DEPTH:	2320	20. B	OND DESCRIPTION:		
APPLIED FO	R) ON THIS LEAS O TOPO C	SE (FEET)				8,350	RI	RLB0005238		
21. ELEVATION	S (SHOW WHETH	ER DF, RT, GR, E	TC.):	22. APPROXIM	ATE DATE WORK	WILL START:		ESTIMATED DURATION:		
5037.1' G	SL						TC	BE DETERMIN	ED	
24.			PROPOSE	D CASING A	ND CEMENT	TING PROGRAM				
SIZE OF HOLE	CASING SIZE	, GRADE, AND W	EIGHT PER FOOT S	ETTING DEPTH		CEMENT TYPE, QU	IANTITY,	YIELD, AND SLURRY WE	IGHT	
14"				40						
12 1/4"	9 5/8"	H-40	32.3#	2,000	PREM CM	IT	26	35 SX 1	.18	15.6
7 7/8"	4 1/2"	I-80	11.6#	8,350	PREM LIT	ΈII	43	30 SX 3	.38	11.0
					50/50 POZ	Z G	124	10 SX 1	.31	14.3
25.				ATTA	CHMENTS			•		
VERIFY THE FO	LLOWING AREAT	TTACHED IN ACC	ORDANCEWITH THE UT	AH OIL AND GAS C	ONSERVATION G	ENERAL RULES:				
<b>V</b> WELL P	LAT OR MAP PRE	PARED BY LIÇEN	\$ED SURVEYOR OR ENG	GINEER	☑ con	APLETE DRILLING PLAN				
<b>Z</b> EVIDEN	CE OF DIVISION (	OF WATER RIGHT	S APPROVAL FOR USE	OF WATER	<b>✓</b> FOR	RM 5, IF OPERATOR IS PE	ERSON (	DR COMPANY OTHER THA	N THE	LEASE OWNER
NAME (PLEASE	<sub>PRINT)</sub> DEBF	RA DOMEN	ICI		TITLE	ASSOC. ENV	IRON	MENTAL ANAL	YST	
SIGNATURE _	Selva	Dinu	me_		DATE	7/19/2005				
(This space for St	ate use only)			<i>c.</i>	App	roved by the	<b>)</b>	- <b>(8)</b>		

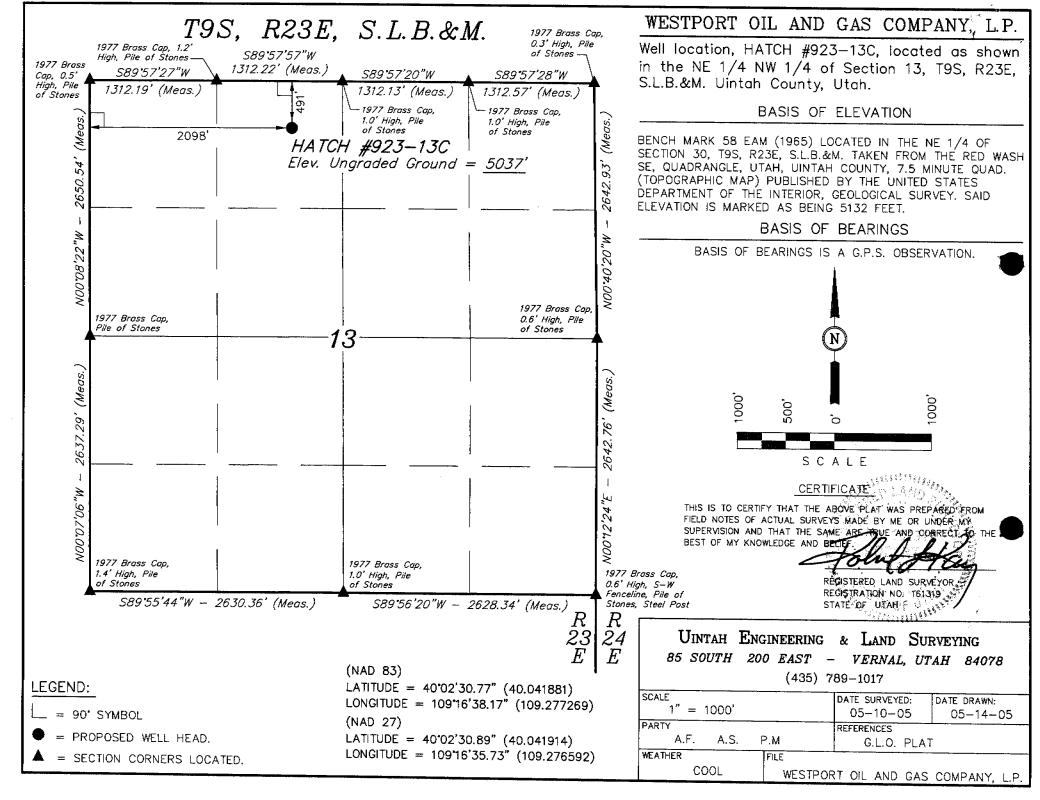
(11/2001)

API NUMBER ASSIGNED: \_

Federal Approval of this Action is Necessary

**RECEIVED** JUL 2 2 2005

DIV. OF OIL, GAS & MINING



# HATCH 923-13C NENW SEC 13-T9S-R23E UINTAH COUNTY, UTAH UTU-1301

### ONSHORE ORDER NO. 1

### DRILLING PROGRAM

### 1. <u>Estimated Tops of Important Geologic Markers</u>:

Formation	<u>Depth</u>
Uinta	0- Surface
Green River	1731'
Wasatch	4436'
Mesaverde	6426'
TD	8350'

### 2. <u>Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:</u>

Substance	<u>Formation</u>	Depth
	Green River	1731'
Gas	Wasatch	4436'
Gas	Mesaverde	6426'
Water	N/A	
Other Minerals	N/A	

### 3. <u>Pressure Control Equipment</u> (Schematic Attached)

Please refer to the attached Drilling Program.

### 4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

### 5. <u>Drilling Fluids Program:</u>

Please refer to the attached Drilling Program.

### 6. Evaluation Program:

Please refer to the attached Drilling Program.

### 7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8350' TD, approximately equals 3340 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1503 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

# 8. Anticipated Starting Dates:

Drilling is planned to commence immediately upon approval of this application.

## 9. <u>Variances:</u>

Please refer to the attached Drilling Program.

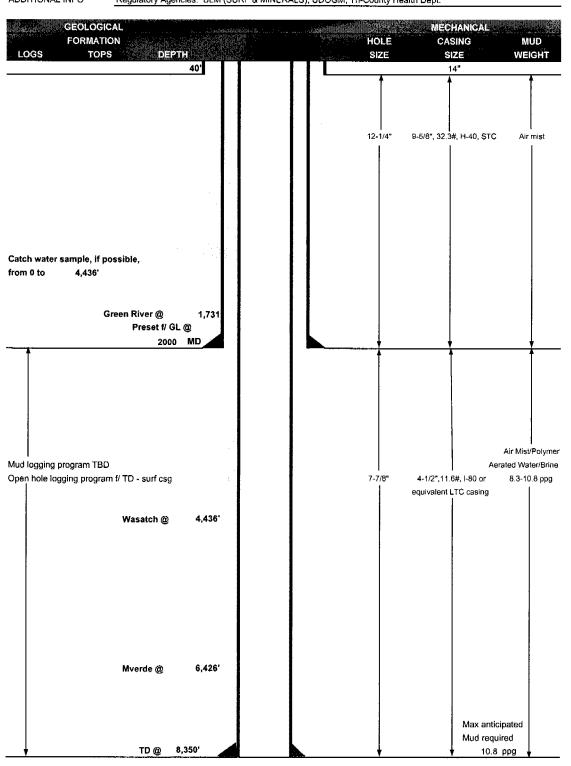
## 10. Other Information:

Please refer to the attached Drilling Program.

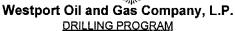


# Westport Oil and Gas Company, L.P. DRILLING PROGRAM

COMPANY NAME Westport Oil and Gas Co., L.P. July 18, 2005 **HATCH 923-13C** WELL NAME MD/TVD 8,350' FIELD Natural Buttes COUNTY Uintah ELEVATION 5,036' GL KB 5,051' STATE Utah SURFACE LOCATION NENW SECTION 13-T9S-R23E 491'FNL & 2098'FWL Straight Hole Latitude: 40.041881 Longitude: 109.277269 OBJECTIVE ZONE(S) Wasatch/Mesaverde ADDITIONAL INFO Regulatory Agencies: BLM (SURF & MINERALS), UDOGM, Tri-County Health Dept.







### CASING PROGRAM

									DESIGN FACT	ORS
	SIZE	IN	TERV	AL.	WT.	GR.	CPLG.	BURST	COLLAPSE	TENSION
CONDUCTOR	14"		0-40'							
							i	2270	1370	254000
SURFACE	9-5/8"	0	to	2000	32.30	H-40	STC	0.80*****	1.46	4.49
								7780	6350	201000
PRODUCTION	4-1/2"	0	to	8350	11.60	I-80	LTC	2.73	1.35	2.38
	la de	ļ						ar M		1

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

10.8 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing\*Buoy.Fact. of water)

IASP 2852 psi

Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

### CEMENT PROGRAM

	FT, OF FILL	DESCRIPTION	SACKS	EXCESS	WEIGHT	YIELD
SURFACE LEAD	500	Premium cmt + 2% CaCl	215	60%	15.60	1.18
Option 1		+ .25 pps flocele	1,41,14	250		
TOP OUT CMT (1)	200	20 gals sodium silicate + Premium cmt	50	. **	15.60	1.18
		+ 2% CaCl + .25 pps flocele				
TOP OUT CMT (2)	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
SURFACE		NOTE: If well will circulate water to s	urface, op	tion 2 will b	e utilized	
Option 2 LEAD	1500	Prem cmt + 16% Gel + 10 pps gilsonite	170	35%	11.00	3.82
		+.25 pps Flocele + 3% salt BWOC				
TAIL	500	Premium cmt + 2% CaCl	180	35%	15.60	1.18
		+ .25 pps flocele				201
TOP OUT CMT	as required	Premium cmt + 2% CaCl	as req.		15.60	1.18
			1.1 (20)	TRANS.		
PRODUCTION LEAD	3,930'	Premium Lite II + 3% KCI + 0.25 pps	430	60%	11.00	3.38
		celloflake + 5 pps gilsonite + 10% gel				
		+ 0.5% extender				
			1: -			
TAIL	4,420'	50/50 Poz/G + 10% salt + 2% gel	1240	60%	14.30	1.31
		+.1% R-3				

<sup>\*</sup>Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

### FLOAT EQUIPMENT & CENTRALIZERS

SURFACE	Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe.					
PRODUCTION	Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers.					

### ADDITIONAL INFORMATION

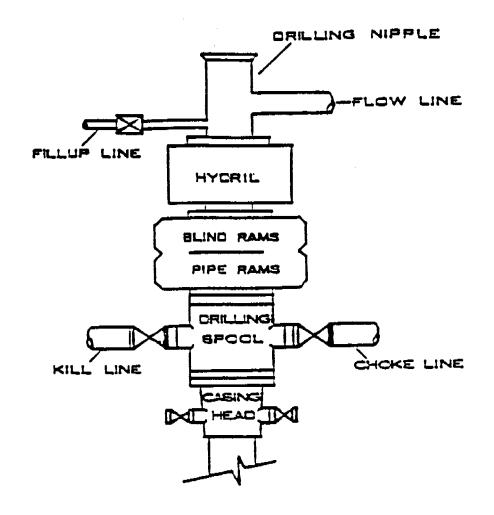
Test casing head to 750 psi after installing. Test surface casing to 1,500 psi prior to drilling out.
BOPE: 11" 3M with one annular and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder &
tour sheet. Function test rams on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper
& lower kelly valves.
Drop Totco surveys every 2000'. Maximum allowable hole angle is 5 degrees.

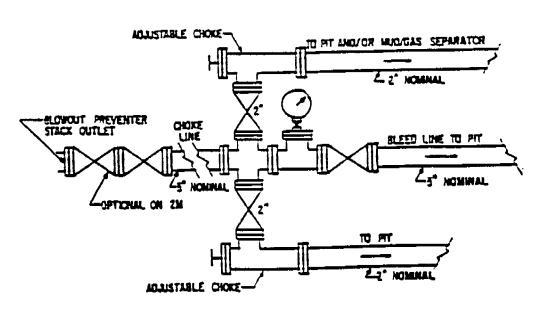
DRILLING ENGINEER:		DATE:	
	Brad Laney		
DRILLING SUPERINTENDENT:		DATE:	
	<u> </u>	•	

Randy Bayne HATCH923-13C\_I80\_APD.xls

<sup>\*</sup>Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

# EOP STACK





# HATCH 923-13C NENW SEC 13-T9S-R23E Uintah County, UT UTU-1301

### ONSHORE ORDER NO. 1

### **MULTI-POINT SURFACE USE & OPERATIONS PLAN**

### 1. Existing Roads:

Refer to Topo Map A for directions to the location.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

Refer to Topo Maps A and B for location of access roads within a 2 mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

### 2. Planned Access Roads:

Approximately 0.2 miles of new access road is proposed. Refer to Topo Map B for the location of the proposed access road.

The upgraded and new portions of the access road will be crowned and ditched with a running surface of 18 feet and a maximum disturbed width of 30 feet. Appropriate water control will be installed to control erosion.

Existence of pipelines; maximum grade; turnouts; major cut and fills, culverts, or bridges; gates, cattle guards, fence cuts, or modifications to existing facilities were determined at the on-site.

The access road was centerline flagged during time of staking.

Surfacing material may be necessary, depending upon weather conditions.

Surface disturbance and vehicular traffic will be limited to the approved location and approved access route. Any additional area needed will be approved in advance.

### 3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

### 4. Location of Existing & Proposed Facilities

*The following guidelines will apply if the well is productive.* 

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain

fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The required color is Carlsbad Canyon, standard color number 2.5Y 6/2.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Approximately 3200' of pipeline is proposed. Refer to Topo D for the proposed pipeline.

### 5. <u>Location and Type of Water Supply:</u>

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec. 32, T4S, R3E, Water User Claim #43-8496, Application #53617.

Water will be hauled to location over the roads marked on Maps A and B.

Where available a 2" or 3" poly pipe will be installed with the existing rights-of-way to supply water during drilling and completion operations. There will be no new disturbance needed and the poly line will be removed after completion operations. The fresh water will be supplied from the power plant located within the following Sections 23, 24, 25, 26, 35, & 36, T8S, R23E.

No water well is to be drilled on this lease.

### 6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

### 7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner and felt will be used, it will be a minimum of 16 mil thick, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled By truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E.

### 8. Ancillary Facilities:

None are anticipated.

### 9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

The reserve pit will be lined, and when the reserve pit is closed, the pit liner will be buried below plow depth.

All pits will be fenced according to the following minimum standards:

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

Location size may change prior to the drilling of the well due to current rig availability. If the proposed location is not large enough to accommodate the drilling rig the location will be re-surveyed and a Form 9 shall be submitted.

### 10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

A plastic, nylon reinforced liner will be used, it shall be torn and perforated before backfilling of the reserve pit.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water (s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring, the stockpiled topsoil will be spread evenly over the reclaimed area(s).

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

### 11. Surface Ownership:

SITLA 675 East 500 South, Suite 500 Salt Lake City, UT 84102

### 12. Other Information:

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance.

The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

A Class III archaeological survey has been completed and is attached.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it Within 460' of any non-committed tract lying within the boundaries of the Unit.

### 13. <u>Lessee's or Operators's Representative & Certification:</u>

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport O&G Co. is considered to be the operator of the subject well. Westport O&G Co. agrees to be responsible under terms and conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for lease activities is being provided by State Surety Bond #RLB0005236.

HATCH 923-13C	Surface Use & Operations Plan	Page 6
I hereby certify	that I, or persons under my supervision, have inspe	cted the proposed drill site and
access route, that	t I am familiar with the conditions that currently exist	t; that the statements made in this

access route, that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

# WESTPORT OIL AND GAS COMPANY, L.P. HATCH #923-13C SECTION 13, T9S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 PROCEED IN A SOUTHERLY TO OURAY, UTAH; APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATLEY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN LEFT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 4.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST; TURN LEFT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATLEY 3.1 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTHEAST: TURN RIGHT AND PROCEED IN A NORTHEASTERLY DIRECTION APPROXIMATELY 0.6 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN RIGHT AND PROCEED IN A EASTERLY DIRECTION APPROXIMATELY 0.8 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE NORTH; TURN LEFT AND PROCEED IN A NORTHERLY, THEN NORTHEASTERLY DIRECTION APPROXIMATELY 0.35 MILES TO THE BEGINNING OF THE PROPOSED ACCESS TO THE EAST; FOLLOW ROAD FLAGS IN A EASTERLY THEN NORTHWESTERLY DIRECTION APPROXIMATELY 0.2 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 57.25 MILES.

# WESTPORT OIL AND GAS COMPANY, L.P.

HATCH #923-13C

LOCATED IN UINTAH COUNTY, UTAH **SECTION 13, T9S, R23E, S.L.B.&M.** 

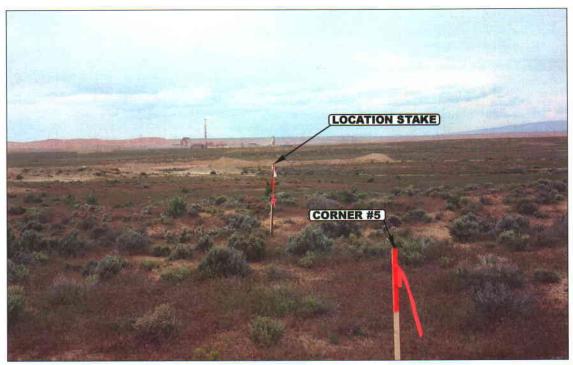


PHOTO: VIEW FROM CORNER #5 TO LOCATION STAKE

**CAMERA ANGLE: NORTHERLY** 

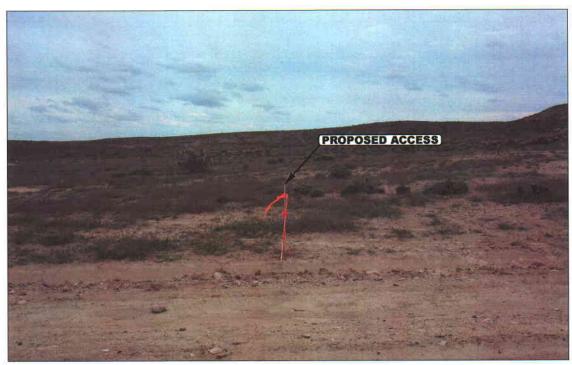


PHOTO: VIEW FROM BEGINING OF PROPOSED ACCESS

**CAMERA ANGLE: EASTERLY** 

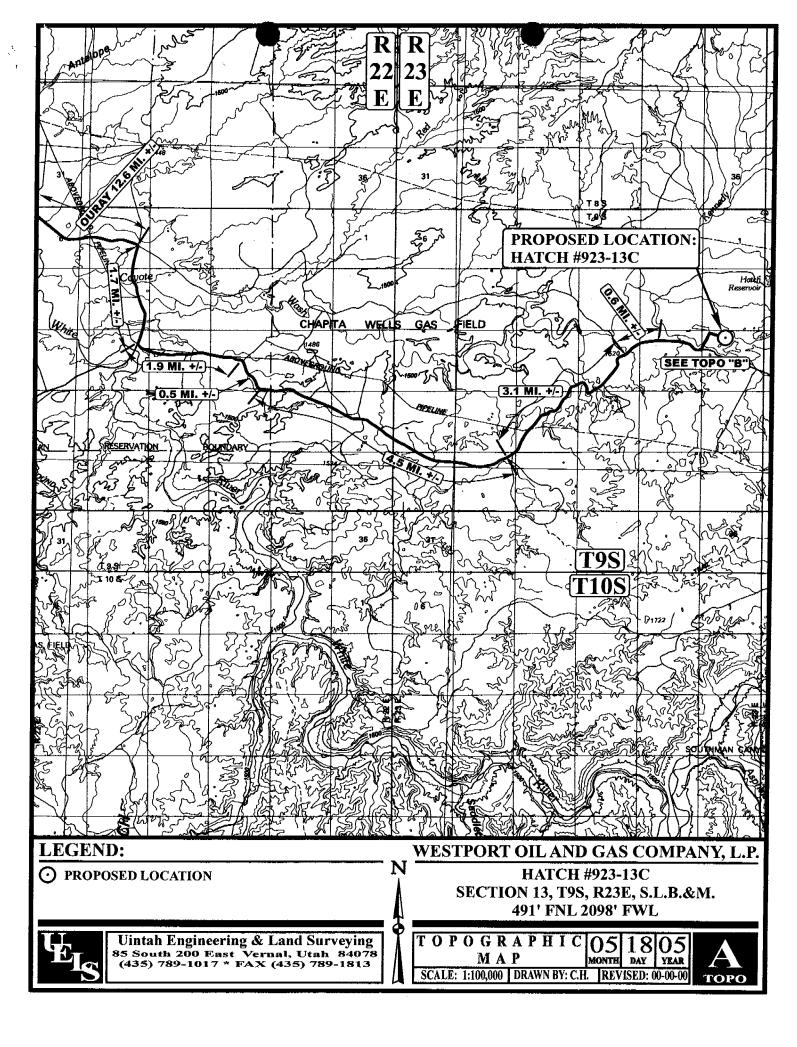


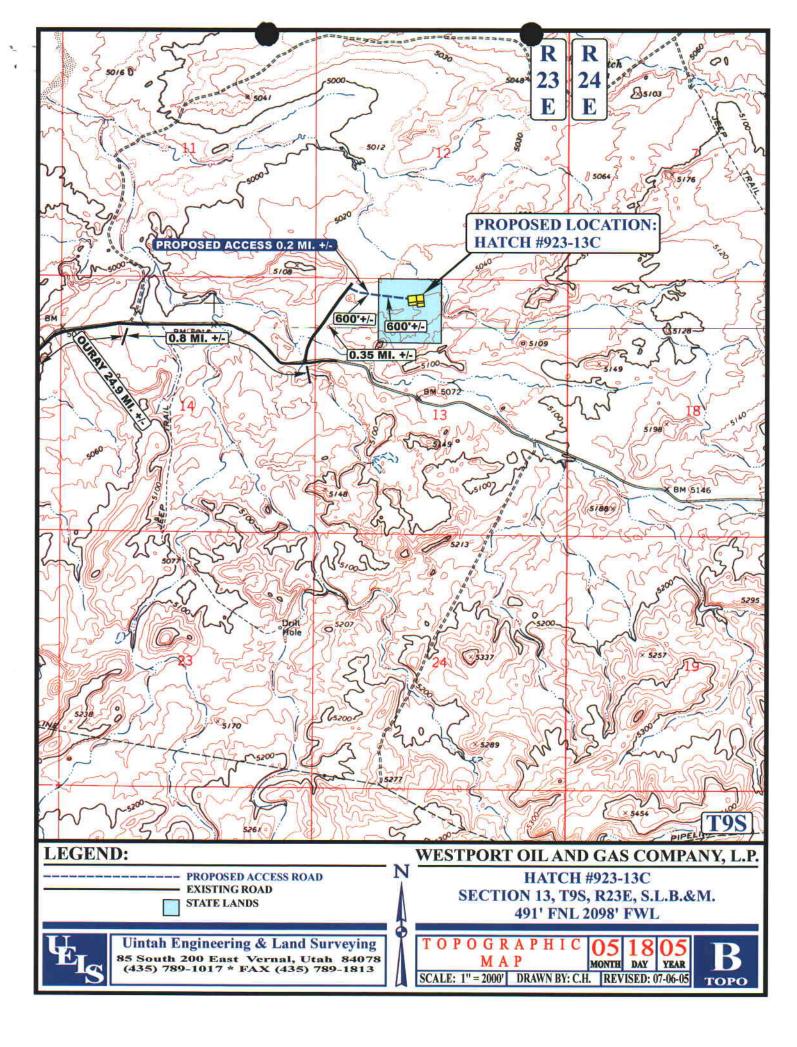
Uintah Engineering & Land Surveying S 85 South 200 East Vernal, Utah 84078 435-789-1017 uels@uelsinc.com

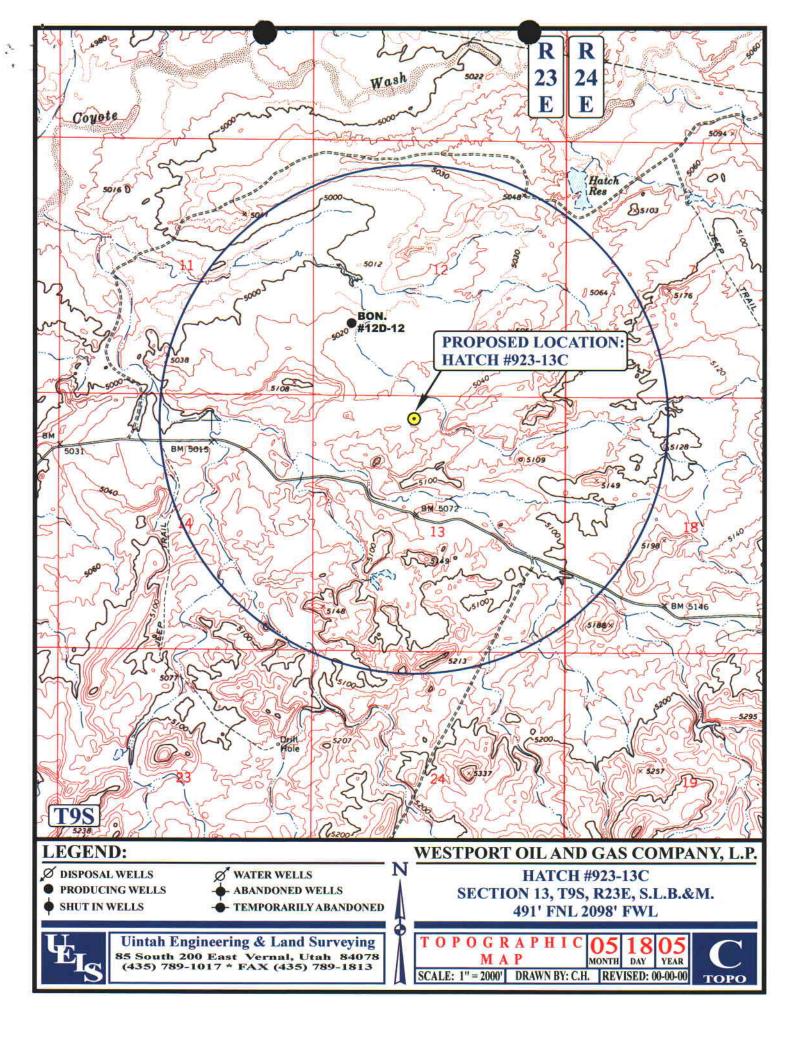
LOCATION PHOTOS

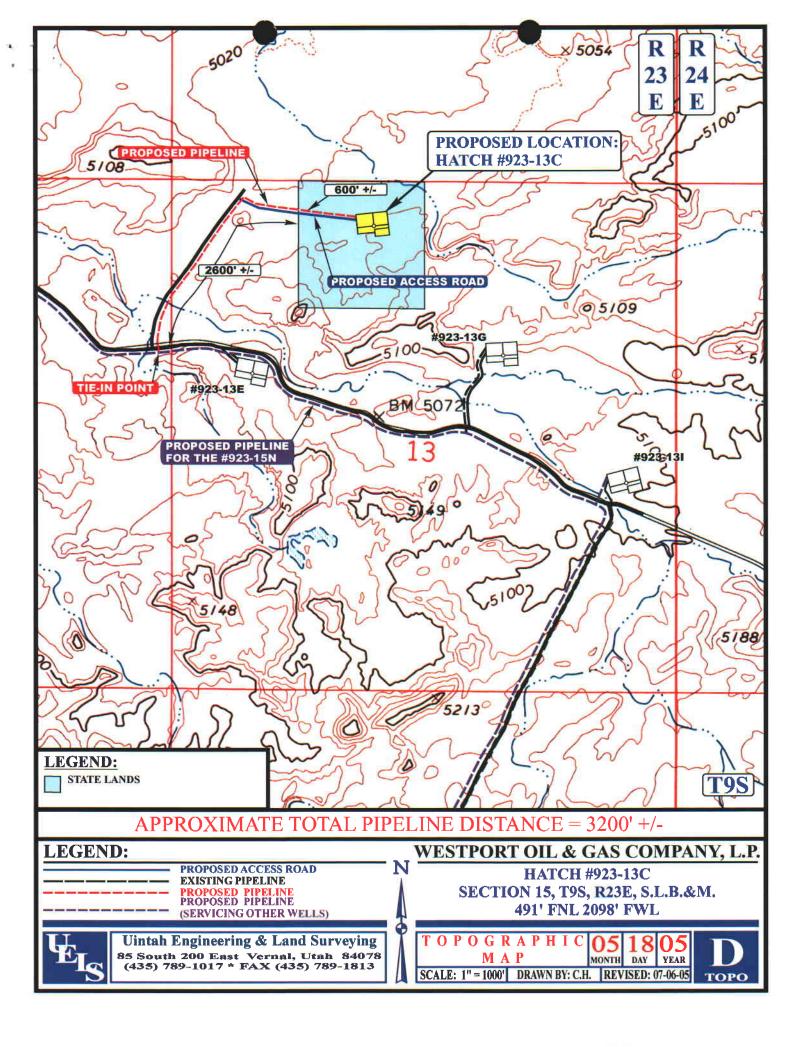
TAKEN BY: J.F. DRAWN BY: C.H. REVISED: 00-00-00

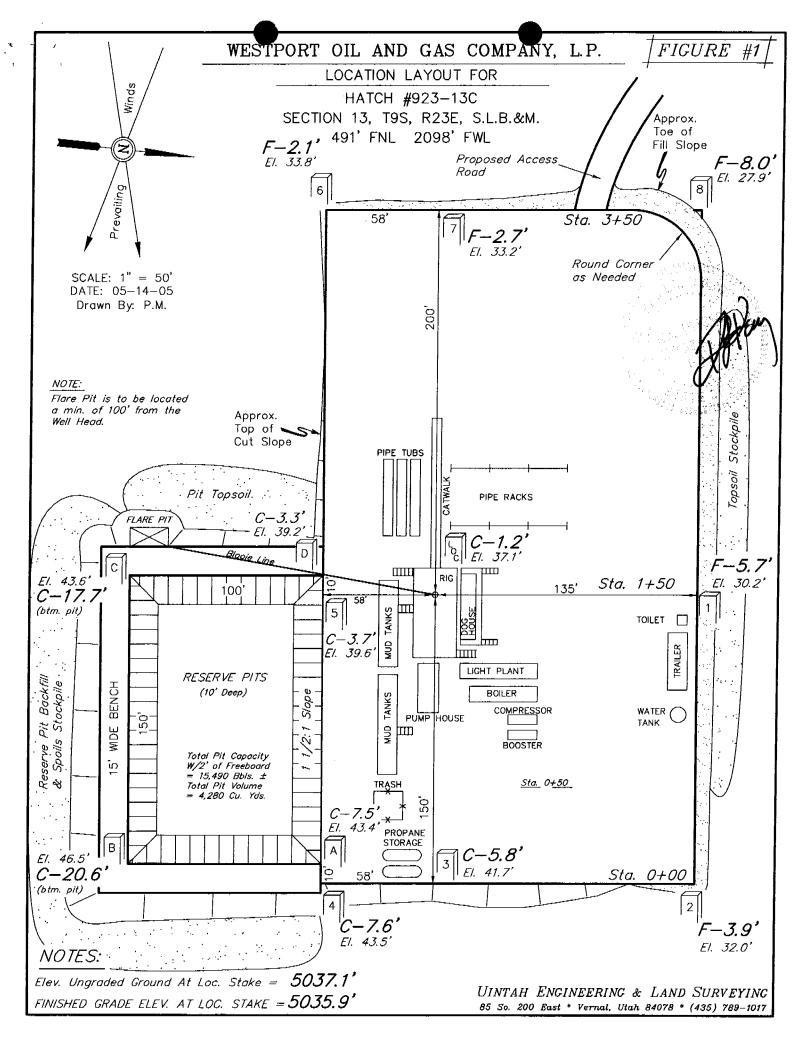
**РНОТО** 

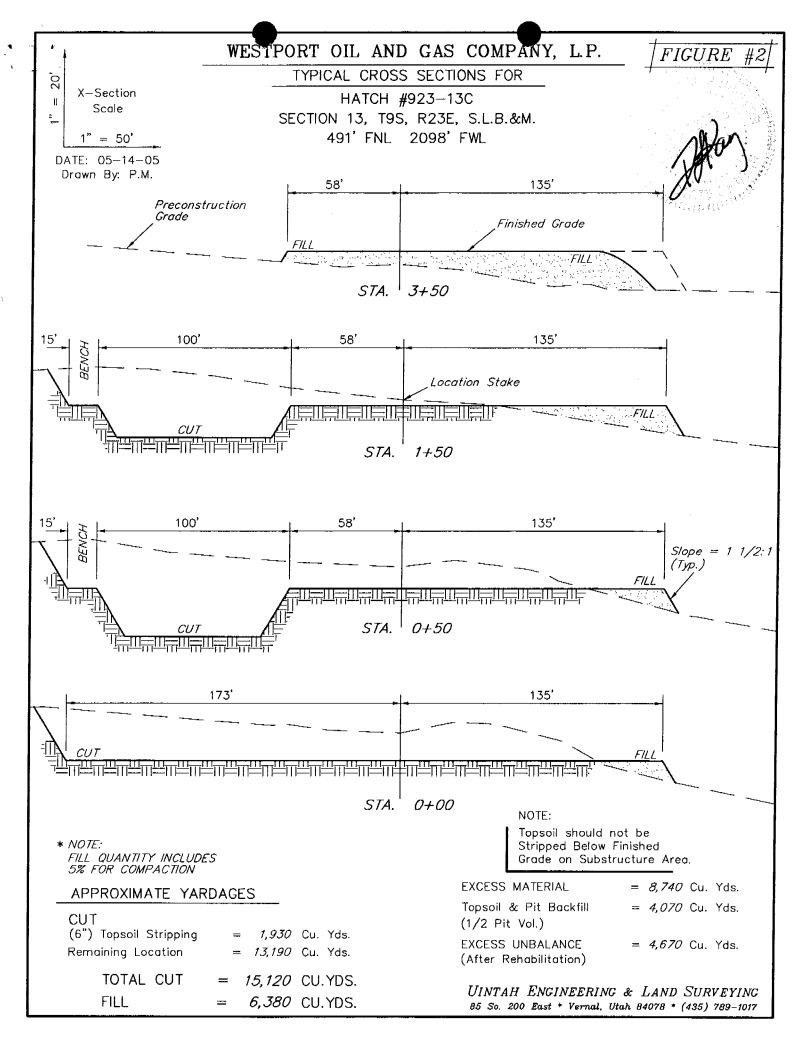




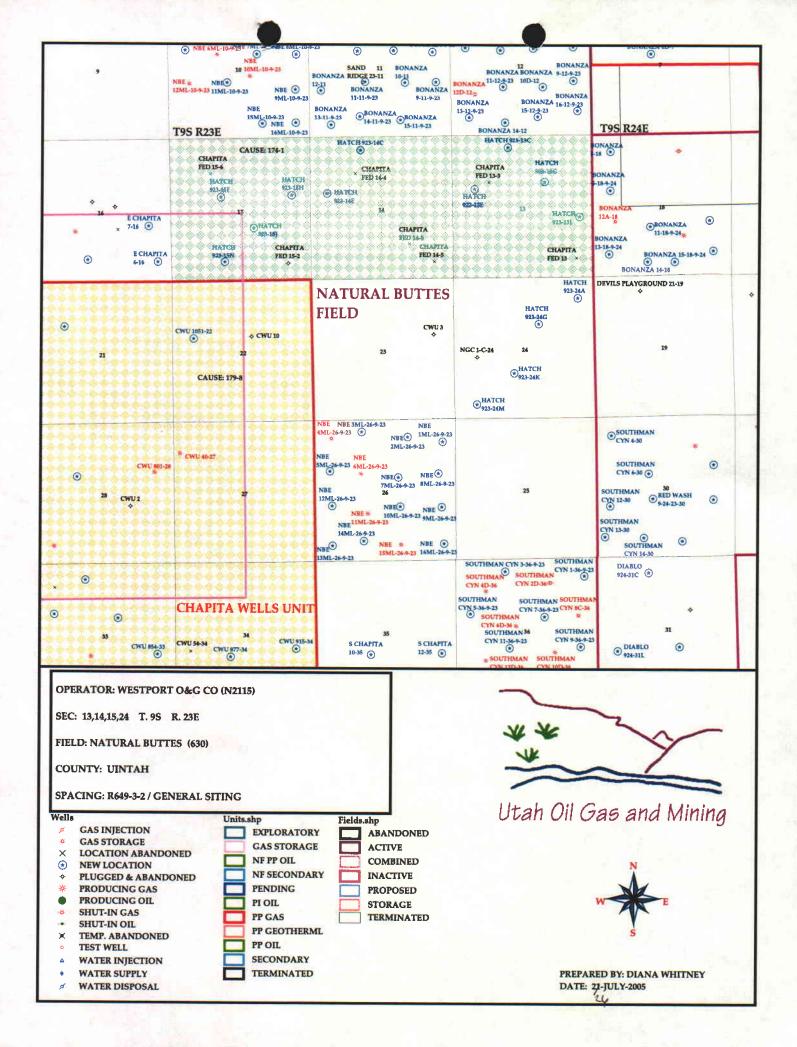








	·			
APD RECEIVE	D: 07/22/2005	API NO. ASSIGNI	ED: 43-047-3685	59
WELL NAME:	HATCH 923-13C			
OPERATOR:	WESTPORT OIL & GAS CO ( N2115 )			
CONTACT:	DEBRA DOMENICI	PHONE NUMBER: 4	35-781-7060	
PROPOSED LO	CATION:			
NENW	13 090s 230E	INSPECT LOCATN	BY: / /	
	: 0491 FNL 2098 FWL 0491 FNL 2098 FWL	Tech Review	Initials	Date
UINTAH		Engineering		
NATURAL	BUTTES ( 630 )	Geology		
,	1 - Federal R: UTU-1301	Surface		
SURFACE OWN PROPOSED FO	ER: 3 - State RMATION: WSMVD HANE WELL? NO	LATITUDE: 40.0 LONGITUDE: -109		
Plat Bond: (No. Potas N Oil S Water (No. RDCC (Dat	<pre>Power Description  Fed[1] Ind[] Sta[] Fee[]  RLB0005238</pre>	R649-3-3. E Drilling Uni Board Cause Eff Date: Siting:	General rom Qtr/Qtr & 920' Exception	
COMMENTS: _	Needs Pr	su (08-16-03)		
STIPULATION	s: 1-tederal a	pprwa()		
		OF BASIS		



# DIVISION OF OIL, GAS AND MINING APPLICATION FOR PERMIT TO DRILL STATEMENT OF BASIS

OPERATOR:	WESTPORT OIL AND GAS COMPANY, L.P.
WELL NAME & NUMBER:	NBU 923-13C
API NUMBER:	43-047-36858
	13 TWP: 98 RNG: 23E 2098' FWL 491' FNL
Geology/Ground Water:	
The mineral rights for the proposed	well are owned by the Federal Government. The BLM will be the agency
responsible for evaluating and appro	oving the drilling casing and cement programs.
Reviewer: Brad H	Hill Date: 08/18/05
Surface:	
<u>Burrace.</u>	
The predrill investigation of the surfa-	ace was performed on 08/16/05. Ben Williams with DWR and Ed Bonner with
	ion on 08/02/05. Mr. Bonner was not present. Mr. Williams had no concerns
regarding the construction of this lo	cation or the drilling of this well. This site is on State surface, with USA
	ite for a location in the immediate area. Mr. Williams gave Carol Estes with
Westport a prescribed seed mix to be	e used when reserve pit is reclaimed.
Dardania Dardani	TI-10-1
Reviewer: <u>David W</u>	. Hackford <b>Date</b> : <u>08/17/2005</u>
Conditions of Approval/Application	on for Permit to Drill:

None.

# ON-SITE PREDRILL EVALUATION Division of Oil, Gas and Mining

OPERATOR: WESTPORT OIL AND GAS COMPANY, L.P.

WELL NAME & NUMBER: NBU 923-13C

**API NUMBER:** 43-047-36859

LEASE: UTU-1301 FIELD/UNIT: NATURAL BUTTES

LOCATION: 1/4,1/4 NE/NW Sec: 13 TWP: 9S RNG: 23E 2098' FWL 491' FNL LEGAL WELL SITING: 460 F SEC. LINE; 460 F 1/4,1/4 LINE; 920 F ANOTHER WELL.

GPS COORD (UTM): 647028E 4433625N SURFACE OWNER: STATE OF UTAH

### **PARTICIPANTS**

DAVID W. HACKFORD, FLOYD BARTLETT (DOGM), CLAY EINERSON, CAROL ESTES (WESTPORT), ROBERT KAY (UELS), BEN WILLIAMS (DWR).

### REGIONAL/LOCAL SETTING & TOPOGRAPHY

SITE IS IN A RELATIVELY FLAT AREA OF LOW RIDGES AND SHALLOW DRAWS DRAINING GRADUALLY TO THE NORTH FOR 0.5 MILES TO A DRY WATERCOURSE, THEN FOR 1.1 MILES TO THE WEST TO COYOTE WASH. FROM THIS POINT, COYOTE WASH RUNS EIGH MILES TO THE SOUTHWEST TO THE WHITE RIVER. BONANZA, UTAH IS FIVE MILES TO THE SOUTHEAST.

### SURFACE USE PLAN

CURRENT SURFACE USE: WILDLIFE AND LIVESTOCK GRAZING, HUNTING.

PROPOSED SURFACE DISTURBANCE: LOCATION WILL BE 350' BY 273'. ACCESS ROAD WILL BE 0.2 MILES.

LOCATION OF EXISTING WELLS WITHIN A 1 MILE RADIUS: SEE ATTACHED MAP FROM GIS DATABASE.

LOCATION OF PRODUCTION FACILITIES AND PIPELINES: ALL PRODUCTION FACILITIES WILL BE ON LOCATION AND ADDED AFTER DRILLING WELL. PIPELINE WILL FOLLOW ACCESS ROAD.

SOURCE OF CONSTRUCTION MATERIAL: <u>ALL CONSTRUCTION MATERIAL WILL BE</u> BORROWED FROM SITE DURING CONSTRUCTION OF LOCATION.

ANCILLARY FACILITIES: NONE WILL BE REQUIRED.

WILL DRILLING AT THIS LOCATION GENERATE PUBLIC INTEREST OR CONCERNS? EXPLAIN: UNLIKELY.

### WASTE MANAGEMENT PLAN:

DRILLED CUTTINGS WILL BE SETTLED INTO RESERVE PIT. LIQUIDS FROM PIT WILL BE ALLOWED TO EVAPORATE. FORMATION WATER WILL BE CONFINED TO STORAGE

TANKS. SEWAGE FACILITIES, STORAGE AND DISPOSAL WILL BE HANDLED BY COMMERCIAL CONTRACTOR. TRASH WILL BE CONTAINED IN TRASH BASKETS AND HAULED TO AN APPROVED LAND FILL.

### ENVIRONMENTAL PARAMETERS

AFFECTED FLOODPLAINS AND/OR WETLANDS: NONE

FLORA/FAUNA: GREASEWOOD, HORSEBRUSH, PRICKLY PEAR, SHADSCALE, GLOBE MALLOW, RABBITBRUSH, SAGE: PRONGHORN, RODENTS, SONGBIRDS, RAPTORS, COYOTE, RABBITS.

SOIL TYPE AND CHARACTERISTICS: LIGHT BROWN SANDY CLAY.

EROSION/SEDIMENTATION/STABILITY: <u>VERY LITTLE NATURAL EROSION.</u>
SEDIMENTATION AND STABILITY ARE NOT A PROBLEM AND LOCATION CONSTRUCTION
SHOULDN'T CAUSE AN INCREASE IN STABILITY OR EROSION PROBLEMS.

PALEONTOLOGICAL POTENTIAL: NONE OBSERVED.

### RESERVE PIT

CHARACTERISTICS: 150' BY 100' AND 10' DEEP.

LINER REQUIREMENTS (Site Ranking Form attached): A LINER WILL NOT BE REQUIRED FOR RESERVE PIT.

### SURFACE RESTORATION/RECLAMATION PLAN

AS PER SITLA.

SURFACE AGREEMENT: AS PER SITLA.

CULTURAL RESOURCES/ARCHAEOLOGY: SITE WAS INSPECTED BY MONTGOMERY ARCHEOLOGICAL CONSULTANTS. A REPORT OF THIS INVESTIGATION WILL BE PLACED ON FILE.

### OTHER OBSERVATIONS/COMMENTS

THIS PREDRILL INVESTIGATION WAS CONDUCTED ON A WARM, CLOUDY DAY.

### ATTACHMENTS

PHOTOS OF THIS SITE WERE TAKEN AND PLACED ON FILE.

DAVID W. HACKFORD DOGM REPRESENTATIVE

8/16/05, 12:45 PM DATE/TIME

# E-Juation Ranking Criteria and Ranking Score For Reserve and Onsite Pit Liner Requirements

	onsice fit biner	_
Site-Specific Factors	Ranking	Site Ranking
Distance to Groundwater (feet)		
>200	0	
100 to 200 75 to 100	5 10	
25 to 75	15	
<25 or recharge area	20	0
Distance to Surf. Water (feet) >1000	0	
300 to 1000	2	
200 to 300	10	
100 to 200 < 100	15 20	0
Distance to Nearest Municipal		
Well (feet) >5280	0	
1320 to 5280	5	
500 to 1320	10	
<500	20	0
Distance to Other Wells (feet)		
>1320	0	
300 to 1320 <300	10 20	0
		<del></del>
Native Soil Type Low permeability	0	
Mod. permeability	10	
High permeability	20	<u>10</u>
Fluid Type		
Air/mist	0	
Fresh Water TDS >5000 and <10000	5	
TDS >10000 and <10000 TDS >10000 or Oil Base Mud Fluid	10 15	
containing significant levels of		
hazardous constituents	20	5
Drill Cuttings		
Normal Rock	0	_
Salt or detrimental	10	0
Annual Precipitation (inches)	_	
<10 10 to 20	0 5	
>20	10	0
Affected Populations		
<10	0	
10 to 30	6	
30 to 50 >50	8 10	n
Presence of Nearby Utility	10	0
Conduits	^	
Not Present Unknown	0 10	
Present	15	o

15 (Level II Sensitivity)

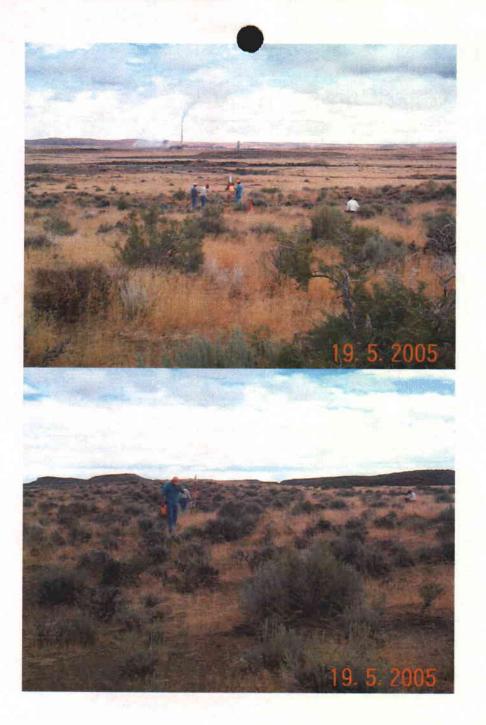
Sensitivity Level II = 20 or more; total containment is required.

Sensitivity Level II = 15-19; lining is discretionary.

Sensitivity Level III = below 15; no specific lining is required.

Final Score







### State of Utah

### Department of Natural Resources

MICHAEL R. STYLER Executive Director

# Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

Governor

GARY R. HERBERT Lieutenant Governor

August 18, 2005

Westport Oil & Gas Company, LP 1368 S 1200 East Vernal, UT 84078

Re:

Hatch 923-13C Well, 491' FNL, 2098' FWL, NE NW, Sec. 13, T. 9 South,

R. 23 East, Uintah County, Utah

### Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-36859.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc:

**Uintah County Assessor** 

Bureau of Land Management, Vernal District Office

Operator:	Westport Oil & Gas Company, LP			
Well Name & Number	Hatch 923-13C		****	
API Number:	43-047-36859			
Lease:	UTU-1301			
Location: <u>NE NW</u>	Sec. 13	<b>T.</b> 9 South	<b>R.</b> 23 East	

### **Conditions of Approval**

### 1. General

Compliance with the requirements of Utah Admin. R. 649-1 et seq., the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

### 2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

Contact Dan Jarvis at (801) 538-5338

### 3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

- 4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
- 5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.
- 6. Compliance with the Conditions of Approval/Application for Permit to Drill outlined in the Statement of Basis. (Copy Attached)

		JUL	2 6 2005		
Form 3160-3				FORM APPI	
(August 1999)	DE G			OMB No. 10	
UNITED STATES				Expires November 30, 2000	
DEPARTMENT OF THE INTERIOR			5. Lease Serial No. UTU-01	301	
BUREAU OF LAND MA	NAGEMENT			6. If Indian, Allottee or T	
APPLICATION FOR PERMIT TO	O DRILI	L OR REEN	TER	0. If maian, Anottee of 1	TIDE NATHE
la. Type of Work: X DRILL RE	ENTER			7. If Unit or CA Agreeme	ent, Name and No.
				8. Lease Name and Well	No.
b. Type of Well: Oil Well X Gas Well Other	<u> </u>	Single Zone 🗓	Multiple Zone	HATCH 92	
		Single Zone LA	Wattiple 2010	0 4 DE 117 11 N	3-130
2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P.	•			130173/	859
3A. Address	3b Phone N	lo. (include area co	de)	10. Field and Pool, or Exp	oloratory
1368 SOUTH 1200 EAST, VERNAL, UTAH 84078	30. 1 110110 1	(435) 781-7		, , , , , , , , , , , , , , , , , , , ,	,
4. Location of Well (Report location clearly and in accordance with	any State red			11. Sec., T., R., M., or Bll	c, and Survey or Area
At surface NENW 491' FNL 2098' FWL			•		
At proposed prod. Zone				SEC 13-T9	S-R23E
14. Distance in miles and direction from nearest town or post office	<b>*</b> .	•		12. County or Parish	13. State
26.25 MILES SOUTHEAST OF OURAY, UTAH				UINTAH	UT
15. Distance from proposed* location to nearest	16. No. of A	Acres in lease	17. Spacing Unit de	edicated to this well	•
property or lease line, fl. 491' (Also to nearest drig. unit line, if any)		2520		40	
18. Distance from proposed location* to nearest well, drilling, completed, Refer to	19. Propose	d Depth	20. BLM/BIA Bon		
applied for, on this lease, ft Topo C		8350'	CO-1203		
21. Elevations (Show whether DF, KDB, RT, GL, etc.)	22 Approx	imate date work wi	ll start*	23. Estimated duration	
5037.1' GL	UPON APPROVAL			TO BE DETERMINED	
202712 92	24 /	Attachments	-		
The following, completed in accordance with the requirements of On			hall be attached to th	is form:	
The following, completed in accordance with the requirements of On	ishore Oil and	Gas Order No. 1,	sitati de attached to tri		
1. Well plat certified by a registered surveyor.		4. Bond to co	ver the operations u	nless covered by an existing t	ond on file (see
2. A Drilling Plan.		Item 20 ab	ove).		
3. A Surface Use Plan (if the location is on National Forest System I	Lands, the	5. Operator ce	rtification.		
SUPO shall be filed with the appropriate Forest Service Office.	,	1 "		ion and/or plans as may be rec	nuired by the
501 O shan be free with the appropriate I diest delivee Office.		authorized	-	,,,,,	,
				Date	
25. Signature	Na	me (Printed/Typed)		Date	8/29/2005
Delin Vimence	- !	<u> </u>	EBRA DOMENI	<u> </u>	0/23/2003
Title	ATE EN1/	IRONMENTA	ANALVET		
ASSOCI		me (Printed/Typed)		¹ Date	
spyloyed by (Signative)	i Na	me (Frinten) Typen,		2/	27/2006
Title Assistant Fold Manager	'Offi	ce			2//
Mineral Resources	1	,			
Application approval does not warrant or certify that the applicant ho	alde legal or e	quitable title to the	se rights in the subject	rt lease which would entitle th	ne applicant to conduct
	via icani il e	quitable after to the	a manus in the attoret	AND ATTACE	
operations thereon.  Conditions of approval, if any, are attached.	nitin	NS OF	apphuv	IAL ATTAC	
Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make	it a crime for	14 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
States any false, fictitious or fraudulent statements or representations					
Training and training of training of the train		- ,			

\*(Instructions on reverse)

Oil, Gas and Minim

NOTICE OF APPECENCED
FEB 0 1 2006

DIV. OF OIL, GAS & MINING



# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

170 South 500 East

**VERNAL, UT 84078** 

(435) 781-4400



# CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company:

Westport Oil & Gas Co.

Location:

NENW, Sec 13, T9S, R23E

Well No:

Hatch 923-13C

Lease No:

UTU-01301

API No:

43-047-36859

Agreement:

Petroleum Engineer:

Matt Baker

Office: 435-781-4490

Cell: 435-828-4470

Petroleum Engineer:

Michael Lee

Office: 435-781-4432

Cell: 435-828-7875

Supervisory Petroleum Technician:

Jamie Sparger

Office: 435-781-4502 Office: 435-781-4475

Cell: 435-828-3913

Environmental Scientist:

Paul Buhler

Office: 435-781-4484

Cell: 435-828-4029

**Environmental Scientist:** Natural Resource Specialist: Karl Wright Holly Villa

Office: 435-781-4404

Natural Resource Specialist:

Melissa Hawk

Office: 435-781-4476

After Hours Contact Number: 435-781-4513

Fax: 435-781-4410

## A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

# **NOTIFICATION REQUIREMENTS**

Location Construction (Notify Holly Villa)

Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Holly Villa)

Prior to moving on the drilling rig.

Spud Notice

Twenty-Four (24) hours prior to spudding the well.

(Notify Petroleum Engineer)

Casing String & Cementing (Notify Jamie Sparger)

Twenty-Four (24) hours prior to running casing and cementing all casing strings.

**BOP & Related Equipment Tests** (Notify Jamie Sparger)

Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice (Notify Petroleum Engineer) Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days.

COAs: Page 2 of 6 Well: Hatch 923-13C

## SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- If paleontologic materials are uncovered during construction, the operator shall immediately stop work that might further disturb such materials and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation will be necessary for the discovered paleontologic material.
- The following seed mixture shall be used for the road and pipeline:

Type		lbs./acre		
Needle and Threadgrass	Stipa commata	6		
Crested Wheatgrass	Agropyron cristatum	6		
** Seed shall be drilled; but if broadcasted double the pounds per acre				
used and work the solids mechanically to cover the seed.				

- All pounds are in pure live seed.
- Reseeding may be required if first seeding is not successful.
- Following well plugging and abandonment, the location, access roads, pipelines, and other
  facilities shall be reclaimed. All disturbed surfaces shall be reshaped to approximate the original
  contour; the top soil respread over the surface; and, the surface revegetated. The surface of
  approved staging areas where construction activities did not occur may require disking or ripping
  and reseeding.

COAs: Page 3 of 6 Well: Hatch 923-13C

### DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

### SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

None.

### DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- 4. Blowout prevention equipment (BOPE) will remain in use until the well is completed or abandoned. Closing unit controls must remain unobstructed and readily accessible at all times. Choke manifolds must be located outside of the rig substructure.

All BOPE components will be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests must be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test must be reported in the driller's log.

BOP drills must be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

- 5. All shows of fresh water and minerals will be reported and protected. A sample will be taken of any water flows and a water analysis furnished the BLM, Vernal Field Office. All oil and gas shows will be adequately tested for commercial possibilities, reported, and protected.
- 6. No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior

COAs: Page 4 of 6 Well: Hatch 923-13C

approval of the BLM, Vernal Field Office must be obtained and notification given before resumption of operations.

7. Chronologic drilling progress reports must be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program must be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) must be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, will require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well must be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

8. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) will be submitted only when requested by the BLM, Vernal Field Office.

Please submit an electronic copy of all logs run on this well in LAS format to UT\_VN\_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM. The cement bond log must be submitted in raster format (TIF, PDF other).

9. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

10. Oil and gas meters will be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future

COAs: Page 5 of 6 Well: Hatch 923-13C

meter proving schedules. A copy of the meter calibration reports will be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.

- 11. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 12. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
  - a. Operator name, address, and telephone number.
  - b. Well name and number.
  - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
  - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
  - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
  - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
  - g. Unit agreement and / or participating area name and number, if applicable.
  - h. Communitization agreement number, if applicable.
- 13. Any venting or flaring of gas will be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 14. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, will be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 15. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day

COAs: Page 6 of 6 Well: Hatch 923-13C

period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.

16. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

43-047-36859

Cultural Resource Inventory of
Westport Oil & Gas Company's Proposed
Hatch #923-13 C, E, G and I
Well Locations, Access and Pipeline Corridors
in Section 13, Township 9 South, Range 23 East, and
in Section 30, Township 9 South, Range 24 East
Uintah County, Utah

Cultural Resource Inventory of
Westport Oil & Gas Company's Proposed
Hatch #923-13 C, E, G and I
Well Locations, Access and Pipeline Corridors
in Section 13, Township 9 South, Range 23 East, and
in Section 30, Township 9 South, Range 24 East
Uintah County, Utah

By:

Todd B. Seacat

Prepared For: Bureau of Land Management Vernal Field Office

Prepared Under Contract With:

Westport Oil and Gas Company 1368 South 1200 East Vernal, Utah 84078

Prepared By:

Montgomery Archaeological Consultants P.O. Box 147 Moab, Utah 84532

26 June 2005

MOAC Report No. 05-185

United States Department of Interior (FLPMA)
Permit No. 05-UT-60122

State of Utah Antiquities Project (Survey) Permit No. U-05-MQ-0462b,p,s

#### **ABSTRACT**

In June 2005, a cultural resource inventory was conducted by Montgomery Archaeological Consultants Inc. (MOAC) for Westport Oil and Gas Company's proposed four well locations designated: Hatch 923-13C, 923-13E, 923-13G and 923-13I with associated access and pipeline corridors. The project area is located west of Bonanza, Utah and south of Coyote Wash in Uintah County, Utah. The legal description is Section 13, Township 9 South, Range 23 East and Section 30, Township 9 South, Range 24 East. A total of 72.5 acres were inventoried of which 59.5 acres occurs on BLM administered land (Vernal Field Office), 11.2 acres on Utah State Institutional and Trust Lands Administration (SITLA) lands, and 1.8 acres are privately owned.

The inventory of Westport Oil and Gas Company's four proposed well locations with associated access and pipeline corridors resulted in the location of an ineligible previously recorded historic site (42Un3044) and the documentation of two historic sites (42Un4824 and 42Un4825) which are recommended as not eligible to the NRHP. Based on the findings, a recommendation of "no historic properties affected" pursuant to Section 106, CFR 800 is proposed for this project.

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#### INTRODUCTION

In June 2005, a cultural resource inventory was conducted by Montgomery Archaeological Consultants Inc. (MOAC) for Westport Oil and Gas Company's proposed Hatch 923-13C, 923-13E, 923-13G and 923-13I well locations with associated access and pipeline corridors. The project area is located approximately one mile south of Coyote Wash, 5 miles west of Bonanza. The survey was implemented at the request of Mr. Carroll Estes, Westport Oil and Gas Company, Vernal, Utah. The land status is public lands administered by the Bureau of Land Management (BLM), Vernal Field Office, Utah State Institutional and Trust Lands Administration (SITLA) land, and private land.

The objectives of the inventory were to locate, document, and evaluate any cultural resources within the project area in order to comply with Section 106 of 36 CFR 800, the National Historic Preservation Act of 1966 (as amended). Also, the inventories were implemented to attain compliance with a number of federal and state mandates, including the Archaeological and Historic Conservation Act of 1972, the Archaeological Resources Protection Act of 1979, the American Indian Religious Freedom Act of 1978 (AIRFA) and Utah State Antiquities Act of 1973 (amended 1990).

The fieldwork was performed on May 28 through 30, 2005, by Todd B. Seacat (Project Archaeologist) under the direction of Keith R. Montgomery (Principal Investigator). The project was conducted under the auspices of U.S.D.I. (FLPMA) Permit No. 05-UT-60122 and State of Utah Antiquities Permit (Survey) No. U-05-MQ-0462b,p,s issued to MOAC of Moab, Utah.

Prior to the fieldwork, a file search for previous cultural resource inventories and archaeological sites was conducted by Keith Montgomery at the Vernal BLM Field Office (May 18, 2005). In addition, an in-house examination of the files was conducted at the MOAC office in Moab. These records searches identified several projects that have been performed in the area. Although, one project, an inventory of four well locations by Western Wyoming College in 1978 occurred within Section 13, T9S R23E (Kainer and Brown 1978). In 2002, TRC-Mariah Associates, Inc. documented 42Un3044 during the Veritas Uinta 2D inventory (McNees and Louma 2002). Several projects have occurred in or near Section 30, T9S R24E and two sites were documented. The following table is a list of projects conducted in or near the project area.

Table 1: Previously conducted projects within the current project area.

Date	Project Title	Report Authors	State Project Number	Sites in Project Area
1977	Archaeological Surveys in the Bonanza/White River Area, uintah County, Northeastrn Utah.	Lindsay	U77-UC-0191b	none
1978	Letter Report to Mr. Homer Smith re: Cultural Resource Survey for Four Proposed Conoco Wells West of Bonanza, Utah. Western Wyoming College, Rock Springs, Wyoming.	Kainer and Brown	N/A	none

1979	Archaeological Investigations of the Coal Development Areas and Coal Transport Corridors for the Moon Lake Project, Rio Blanco County, Colorado and Uintah County, Utah, Nickens and Associates, Montrose, Colorado.	Chandler and Nickens	U79-NH-0297b,s	none
1980	Archeological Survey of Four Proposed Well Locations in the Chapita Gas Field Locality of Uintah County, Utah. AERC, Bountiful, Utah	Hauck	N/A	none
1980	Archaeological Reconniassance of Pipeline Corridors in the Chapita Field of Uintah County, Utah. AERC, Bountiful, Utah.	Hauck	N/A	none
1980	Archaeological Inventory in the Seep Ridge Cultural Study Tract, Uintah County, Utah. Nickens and Associates, Montrose, Colorado.	Larralde and Chandler	U81-NH-590	none
1981	Archeological Survey of the Bonanza-Castle Peak-UPALCO Transmission line, Bonanza Power Plant Project. Nickens and Associates, Montrose Colorado.	Christensen	N/A	none
1982	Archaeological Reconniassance of Devils Playground 41-7 Proposed Natural Gas Well in the Devils Playground Vicinity of Uintah County, Utah. Utah Archaeological Research Corp. Spanish Fork, Utah.	Cook	U82-UB-0628b	none
1982	Archaeological Inventory of an Overhead Transmission Line to Serve the White River Oil Shale Tract. Western Wyoming College, Rock Springs, Wyoming.	Gardner	U82-WK-0575b	none
1983	An Archaeological Inventory of the Proposed White River 138 Kv Alternate. Brigham Young University, Provo, Utah.	Nielson	U83-BC-0516b	none
1983	Class III Inventory of Nine American Gilsonite Core Holes. Westrn Wyoming College, Rock Springs, Wyoming.	Creasman and Gardner	U83-WK-0504b	none
1986	Results of Archaeological Investigations along the Chevron CO-2/PO-4 Pipelines in Northeastern Utah and Northwestern Colorado	Tucker	N/A	none
1991	Colorado Interstate Gas Uinta Basin Lateral 20" Pipeline: Class III Cultural Resource Interim Report and Treatment Plan Utah, Colorado and Wyoming. Metcalf Archaeological Consultants, Inc. Eagle, Colorado.	Lubinsky, McKibbin and Metcalf	U91-MM-130b,i	none
1991	Cultural Resource Inventory Report for 10 Well Locations and Related Access Routes in Uintah County, Utah for ENRON Oil and Gas Company. Grand River Institute, Grand Junction, Colorado.	Conner	N/A	none
1991	Cultural Resource Inventory Report for 14 Well Locations and Related Access Routes in Uintah County, Utah for ENRON Oil and Gas Company. Grand River Institute, Grand Junction, Colorado.	Conner	N/A	none

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1994	Cultural Resource Inventory Report on 15 Proposed Well Locations and Related Accesses in the Southman Canyon Gas Field, Uintah County, Utah for Snyder Oil Corp. Grand River Institute, Grand Junction, Colorado.	Conner	U94-GB-223	none
1994	Synder Oil & Gas Proposed Six Feeder Pipelines in the Southam Canyon Area, Uintah County, Utah. Metcalf Archaeological Consultants, Eagle, Colorado	Pool	U94-MM-590	none
1997	Cultural Resource Inventory of 17 Miles of the Questar Main Line 43 Pipeline Replacement near Bonanza, Uintah County, Utah. JBR Environmental Consultants, Inc. Springville, Utah.	Prince-Mahoney and Billat	U97-JB-0543 b,i,s	none
2002	A Class III Cultural Resource Inventory for the Uinta 2D Seismic Project Lines 8, 9 and 10, Uintah County, Utah. TRC-Mariah Salt Lake City, Utah.	Craven and Highland	U02-ME0207 b,p,s	none
2002	Cultural Resource Inventory of 7 Seismic Lines for the Veritas Uintah Seismic Project, Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.	Elkins and Montgomery	U02-MQ-0243 b,p,s	none
2002	Cultural Resource Inventory for the Uinta 2D Seismic Project Lines 13 and 14, Uintah County, Utah. TRC-Mariah Salt Lake City, Utah.	McNees and Louma	U02-ME-0207 b,p,s	42Un3044
2003	Cultural Resource Inventory of Questar's Two Wells at Coyote Wash (NBE 12M-10-9-23 and NBE 4M-26-9-23) Uintah County, Utah. Montgomery Archaeological Consultants, Moab, Utah.	Kinnear-Ferris and Bond	U03-MQ-0887 b,p	none
2004	Cultural Resource Inventory of Sections 24 and 25 of, T9S, R23E, Uintah County, Utah for Westport Oil & Gas Company	Whitfield and Montgomery	U04-MQ-0884b	none
2004	Cultural Resource Inventory of Westport Oil & Gas Company Diablo #924-33J, #924-33L and #924-33P, Uintah County, Utah.	Silverman and Patterson	U04-MQ-1419 b,p	42Un4371
2004	Cultural Resource Inventory of the Southman Canyon Natural Gas Trunkline, Uintah County, Utah. Sagebrush Consultants, Ogden, Utah.	Polk and Garrison	U04–SJ-0540 b,p,s	none
2005	Cultural Resource Inventory of Westport Oil & Gas Company's Four Proposed Well Locations in Section 14, T9S R23E, Uintah County, Utah. Montgomery Archeological Consultants, Moab, Utah.	Seacat	U05-MQ-0461b	none

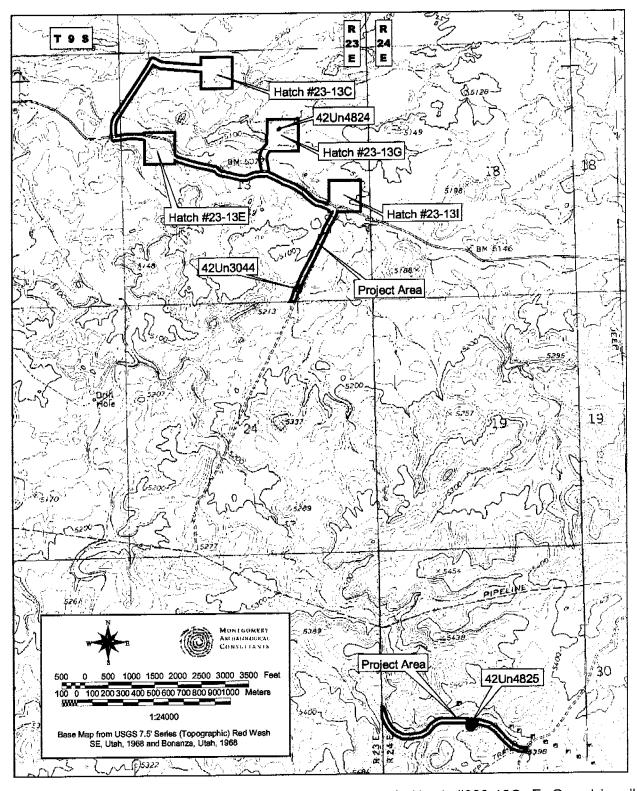


Figure 1. Project Map of Westport Oil and Gas Company's Hatch #923-13C, E, G and I well locations with cultural resources.

#### DESCRIPTION OF PROJECT AREA

The project area is located approximately one mile south of Coyote Wash, 5 miles west of Bonanza. The legal description is Section 13 of Township 9 South, Range 23 East with pipeline continuing in Section 30, Township 9 South, Range 23 East.

Table 1: Westport Oil and Gas Company's Four Proposed Well Locations

Well Location	Legal Location	Access/ Pipeline	Cultural Resources
Hatch 923-13C	NE/NW, Sec. 13, T9S R23E	Access: 1266 ft Pipeline: 3060 ft	none
Hatch 923-13E	SW/NW, Sec. 13, T9S R23E	Access: 224 ft Pipeline: 72 ft	none
Hatch 923-13G	SW/NE, Sec. 13, T9S R23E	Access: 855 ft Pipeline: 968.5 ft	42Un4824
Hatch 923-13I	NE/SE, Sec. 13, T9S R23E	Access: 253 ft Pipeline: 305 ft	none
Pipeline	Sec. 13, T9S R23E Sec. 30, T9S R24E	Pipeline: 11,001 ft	42Un3044 42Un4825

#### **Environment**

The study area lies within the Uinta Basin physiographic unit, a distinctly bowl-shaped geologic structure (Stokes 1986:231). The Uinta Basin ecosystem is within the Green River drainage, considered to be the northernmost extension of the Colorado Plateau. The geology is comprised of Tertiary age deposits which include Paleocene age deposits, and Eocene age fluvial and lacustrine sedimentary rocks. The Uinta Formation, which is predominate in the project area, occurs as eroded outcrops formed by fluvial deposited, stream laid interbedded sandstone and mudstone, and is known for its prolific paleontological localities.

Specifically, the project area exists approximately four miles southeast of Coyote Wash, three miles southwest of Bonanza, three miles west of Wagon Hound Canyon, and three miles northwest of the White River. It lies on valley floors, which are interspersed by flat topped buttes and narrow steep-sided ridges. The area is heavily dissected and carved by ephemeral drainages. Surface geology consists of hard pan residual soil armored with shale and sandstone pebbles. The elevation ranges between 5300 ft and 5700 ft a.s.l. The project occurs within the Upper Sonoran Vegetation Life Zone, which includes sagebrush, shadscale, greasewood, mat saltbush, snakeweed, rabbitbrush, prickly pear cactus, Indian ricegrass and other grasses. Modern disturbances include roads and oil/gas development.

#### Cultural Overview

The cultural-chronological sequence represented in the area includes the Paleoindian, Archaic, Fremont, Protohistoric, and Euro-American stages. The earliest inhabitants of the region are representative of the Paleoindian stage (ca. 12,000-8,000 B.P.), characterized by the adaptation to terminal Pleistocene environments and by the exploitation of big game fauna. The presence of Paleoindian hunters in the Uinta Basin region is implied by the discovery of Clovis and Folsom fluted points (ca.12,000 B.P. - 10,000 B.P.), as well as the more recent Plano Complex lanceolate points (ca. 10,000 B.P. - 7,000 B.P.). Near the project area, a variety of Plano Complex Paleoindian projectile points have been documented, including Goshen, Alberta, and Midland styles (Hauck 1998). Site 42Un3397, documented during the current inventory, consists of an isolated Folsom point base that was not associated with any other prehistoric artifacts or features and was therefore probably curated by the European American inhabitants of the site. Spangler (1995:332) reports that there are no sealed cultural deposits in association with extinct fauna or with chronologically distinct Paleoindian artifacts in Utah. Specifically in the Uinta Basin, few Paleoindian sites have been adequately documented, and most evidence of Paleoindian exploitation of the area is restricted to isolated projectile points recovered in nonstratigraphic contexts. Copeland and Fike (1998:21) argue that many areas in Utah are conducive to the herding behavior of megafauna, and that there is a high probability that many of the sites in Utah of unknown age are Paleoindian.

The Archaic stage (ca. 8,000 B.P.-1,500 B.P.) is characterized by the dependence on a foraging subsistence, with peoples seasonally exploiting a wide spectrum of plant and animal species in different ecozones. The shift to an Archaic lifeway was marked by the appearance of new projectile point types, and the development of the atlatl, perhaps in response to a need to pursue smaller and faster game (Holmer 1986). In the Uinta Basin, evidence of Early Archaic presence is relatively sparse compared to the subsequent Middle and Late Archaic periods. Early Archaic (ca. 6000-3000 B.C.) sites in the Basin include sand dune sites and rockshelters primarily clustered in the lower White River drainage (Spangler 1995:373). Early Archaic projectile points recovered from Uinta Basin contexts include Pinto Series, Humboldt, Elko Series, Northern Sidenotched, Hawken Side-notched, Sudden Side-notched and Rocker Base Side-notched points. Excavated sites in the area with Early Archaic components include Deluge Shelter in Dinosaur National Monument, and open campsites along the Green River and on the Diamond Mountain Plateau (Spangler 1995:374). The Middle Archaic (ca. 3000-500 B.C.) is characterized by improved climatic conditions and an increase in human population on the northern Colorado Plateau. Several stratified Middle Archaic sites have been excavated and dozens of sites have been documented in the Uinta Basin. Middle Archaic sites in the area reflect cultural influences from the Plains, although a Great Basin and/or northern Colorado Plateau influence is represented in the continuation of the Elko Series projectile points. Subsistence data from Middle Archaic components indicate gathering and processing of plants as well as faunal exploitation (e.g., mule deer, antelope, bighorn sheep, cottontail rabbit, muskrat, prairie dog, beaver and birds). The Late Archaic period (ca. 500 B.C.-A.D. 550) in the Uinta Basin is distinguished by the continuation of Elko Series projectile points with the addition of semi-subterranean residential structures at base camps. By about A.D. 100, maize horticulture and Rose Springs arrow points had been added to the Archaic lifeway. In the Uinta Basin, the earliest evidence of Late Archaic architecture occurs at the Cockleburr Wash Site (42Un1476) where a temporary structure, probably a brush shelter, yielded a date of 316 B.C. (Tucker 1986). The structure was probably associated with seasonal procurement of wild floral resources gathered along Cliff Creek.

The Formative stage (A.D. 500-1300) is recognized in the area as the Uinta Fremont as first defined by Marwitt (1970). This stage is characterized by a reliance upon domesticated corn and squash, increasing sedentism, and in its later periods, substantial habitation structures, pottery, and bow and arrow weapon technology. Based on the evidence from Caldwell Village, Boundary Village, Deluge Shelter, Mantles Cave and others, the temporal range of the Uinta Fremont appears to be from A.D. 650 to 950. This variant is characterized by shallow, saucer-shaped pithouse structures with randomly placed postholes and off-center firepits, some of which were adoberimmed. Traits considered unique or predominate to the Uinta Basin include calcite-tempered pottery, two-handled wide-mouth vessels, Utah type metates, the use of gilsonite for pottery repair, settlement on tops of buttes and large-shouldered bifaces (Shields 1970).

Archaeological evidence suggests that Numic peoples appeared in east-central Utah at approximately A.D. 1100 or shortly before the disappearance of Formative-stage peoples (Reed 1994). The archaeological remains of Numic-speaking Utes consist primarily of lithic scatters with low quantities of brown ware ceramics, rock art, and occasional wickiups. The brown ware ceramics appear to be the most reliable indicator of cultural affiliation, as Desert Side-notched and Cottonwood Triangular points were manufactured by other cultural groups beside the Ute (Horn, Reed, and Chandler 1994:130). The Ute appear to have been hunters and gatherers who exploited various fauna and flora resources. According to macrobotanical and faunal data from dated components, deer, elk, pronghorn, bison, and small game were acquired (Reed 1994:191). Plant materials thought to have been exploited for food include goosefoot, grass seeds, pinyon nuts, juniper berries, squawbush berries and leaves, hackberry seeds and possibly saltbush seeds, knotweed, chokecherry, and chickweed (Reed 1994:191).

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On May 5, 1864 Congress passed a law confirming the 1861 executive order setting up the Uintah Reservation (Burton 1996:24). This treaty provided that the Ute people give up their land in central Utah and move within one year to the Uintah Reservation without compensation for loss of land and independence. The Uinta-ats (later called Tavaputs), PahVant, Tumpanawach, and some Cumumba and Sheberetch of Utah were gathered together at the Uintah agency during the late 1860s and early 1870s to form the Uintah Band (Burton 1996:18-19). In the 1880 treaty council the White River Utes, who had participated in the Meeker Massacre, were forced to sell all their land in Colorado and were moved under armed escort to live on the Uintah Reservation (Callaway, Janetski, and Stewart 1986:339). Shortly thereafter, 361 Uncompangre Utes were forced to sell their lands, and were relocated to the Ouray Reservation adjacent to the southern boundary of the Uintah Reservation. This area embraced a tract of land to the east and south of the Uintah Reservation below Ouray lying east of the Green River. A separate Indian Agency was established in 1881 with headquarters at Ouray which was located across the river from where the first military post, Fort Thornburgh was located. The Department of War established Fort Thornburgh along the Green River in 1881 to maintain peace between the settlers of Ashley Valley. The infantry who participated in the relocation of the Colorado Indians ensured that the Uncompangre and White River Utes remained on the two reservations (Burton 1996:28). In the late 1880s, gilsonite was discovered in the Uintah Basin, and Congress was persuaded to apportion 7,040 acres from the reservation so the mineral could be mined.

The earliest recorded visit by Europeans to Utah was the Dominguez-Escalante expedition, of 1776. From the early 1820s to 1845, the Uinta Basin became an important part of the expanding western fur trade. Homesteading began in 1878 with Thomas Smart, one of the first white settlers to settle east of Ouray. In 1879, about forty cowboys and several large herds of cattle wintered on the White River. The winter of 1879-1880 saw the establishment of a settlement near the White River by several pioneers and their families including Ephraim Ellsworth, the Remingtons, and the Campbells. The person most responsible for organizing a permanent homesteading movement in Ouray Valley was William H. Smart, the brother of Thomas Smart, who became president of the Wasatch LDS Stake in 1901 (Burton 1998). When the Ute reservation was opened to white homesteaders in 1905, Smart organized several exploration trips into the area that later attracted many LDS families.

Initially, livestock was the main industry of white homesteaders in Uintah County. Two factors - free grass and the availability of water - influenced men to move their cattle into the county. Most of the land in the area was part of the public domain and no territory or state could tax it. Cattle were eventually brought up east as far as the Green River and then to the surrounding mountains. Large cattle herds had been coming to Brown's Park from Texas and other eastern areas since the early 1850s. The K Ranch was a large cattle operation owned by P.R. Keiser which brought many cowboys to the area. The ranch was located on the Utah-Colorado line with property in both states. Charley Hill, who came to Ashley Valley as a trapper for the Hudson Bay Company, started a cattle company on Hill Creek and Willow Creek in the Book Cliffs (Burton 1996:109). They later moved out when the government set this section aside for the Ouray Indian Agency. Other prominent men in the cattle industry included A.C. Hatch, Dan Mosby, and James McKee. Cattle rustling became an increasingly large problem as cattle herds grew, and conflict resulted between the small and large cattle companies. In 1912, the Uintah Cattle and Horse Growers Association was organized to protect the livestock industry from thieves and to issue an authorized brand book (Ibid: 110).

The sheep industry later became part of Uintah County's economic backbone, and contributed to the decline of the cattle industry. Sheep were first introduced to the valley during the winter of 1879 when Robert Bodily brought in sixty head (Burton 1996:111). Sheep were able to survive the hard winters much better than cattle. By the mid-1890s, more than 50,000 head of sheep were in the region; and the production of wool became very important. In 1897, C.S. Carter began building shearing corrals. In 1899, 500,000 pounds of wool were shipped from the county and sold for twelve and one-half cents per pound (Ibid:111). In 1906, the Uintah Railway Company built shearing pens on the Green River to encourage the shipping of wool by train; and in 1912, pens were built at Bonanza and Dragon. Beginning in the 1940's Mexican sheep-shearing crews and Greek sheepmen from the Price and Helper areas came into the area. The Taylor Grazing Act was passed in 1934, allotting specific areas or "districts" to stockmen for livestock grazing that required permits. This act was a forerunner of the Bureau of Land Management, which was established in 1946 and eventually assumed responsibility for the administration of grazing laws on public land (Burton 1996:115).

Uintah County is also known for its natural resources. Coal, copper, iron, asphalt, shale, and especially gilsonite, were important to the mining industry. When gilsonite was discovered in the Uinta Basin in the 1880s, Congress was persuaded to apportion 7,040 acres from the Ute reservation so the mineral could be mined. This area became known as "The Strip" and later developed into the townsite of Moffat (later renamed Gusher). Gilsonite is a light-weight lustrous black hydrocarbon mineral that can easily be crushed into a black-brown powder. It can be found in commercial quantities only in the Uinta Basin. The earliest use of the mineral was in buggy paints and beer-vat linings. Today it is used in over a hundred products ranging from printing inks to explosives and automobile body sealer and radiator paint (Burton1998:343). Mining camps also sprang up near the Colorado line in Bonanza, Dragon, and Watson starting in about 1903. Many immigrants, including Greeks and Chinese, worked in the mines. Bonanza became one of the largest and most modern functioning mining camps in the area beginning in 1921 and reaching its peak in 1937. It was chosen as the Barber gilsonite company headquarters, because it was near the largest deposits of gilsonite in the area. Miners from Dragon, Rainbow, and other neighboring communities were relocated to Bonanza.

Gilsonite mining activity occurred within the specific project area. One site (42Un4371) is the Little Emma Mine. It was discovered after 1882 by Henry Axmon Woodruff. He named the mine after his wife, Emma Manella Woodruff. However, he told his friend about the mine, and his friend filed the claim for it, although he kept the name (Burton 1998:214). It lies on the Uintah Vein of gilsonite (Remington 1959:214). On May 24, 1907, Maynard Bixby filed for land patents under the April 20, 1820 Sale-Cash Entry Statute for four quarter quarter sections of Section 30, T 9 South, 24 East (Accession No's UTUTAA 020250, UTUTAA 020251, UTUTAA 020253, and UTUTAA020266), where the mine stands. By 1927, the Utah Gilsonite Company, which held three corner sections of the area the mine covered, with mineral rights, had long since been mining it. By 1928, it had been mined up to 752 feet deep. Utah Gilsonite Company mined the vein until 1952, when they sold it to Gordon S. Ziegler and Associates (Remington 1959:214-215), now Ziegler Chemical and Mineral Corporation's American Gilsonite Company. This company currently owns these parcels (Uintah County Recorder's Office). By 1959, the rest of much of the workable vein was owned by the Gilson Asphaltum Company (Remington 1959:214-215).

Two individuals and the government filed patents on other portions of the project area. These included C. O Baxter, of the Gilson Asphaltum Company, filed mineral patents on June 9, 1906 for Sections 32 and 33 of T 9 South, R 24 East, under the July 26, 1866: Mineral Patent-Lod Statute (Accession No. UTUTAA 020233; Remington 1959:201). Joseph W. Royer filed a land patent on May 24, 1907 for portions of section 32, T 9 South, R 24 East, under the April 24, 1820: Sale-Cash Entry Statute (Accession No's UTUTAA 0202069, UTUTAA 020270, and UTUTAA 020271). In addition to the land patents mentioned with regards to the Little Emma Mine, Maynard Bixby filed two other quarter quarter section land patents on May 24, 1907, under the April 20, 1820 Sale-Cash Entry Statute in section 32 T 9 South, R 24 East (Accession No's UTUTAA 020249, and UTUTAA 020252). While the State of Utah obtained various parcels in the project area in 1894, 1927, 1962, and 1964 under the 1894 Utah Enabling Act, the 1927 Indemnity Selections Statute, and the 1934 State Grant-School Statute, respectively, the Bureau of Land Management currently administers all land in the project area, except for the NE 1/4 of the SW 1/4 and the NW 1/4 and S ½ of the SE 1/4 of Section 30 in T 9 South R 24 East. Those four parcels are owned by the American Gilsonite Company of the Ziegler Chemical and Mineral Corporation.

Before the development of good roads, trucks hauled gilsonite ore to the Uintah Railroad at Watson (Remington 1959:214-215). This railroad operated in between 1904 and 1939 and it was built to haul ore out of the eastern Uinta Basin in 1903 and 1904 (Remington 1959:225; Burton 1998:353). Its narrow gauge track connected Mack, Colorado with Dragon and other mines in the area (Burton 1998:353). Wagon roads were constructed by 1905, connecting Vernal and Fort Duchesne, Utah with Dragon. Two stage stops were built along the railroad route. Freight and stage lines used the wagon roads to connect with the Dragon railhead (Burton 1998:355). By 1920, stage lines switched from six-horse wagon teams to gasoline-powered trucks to travel along theroads. Ore companies then began to ship gilsonite by truck (Remington 1959:271). By 1930, Uintah County completed Utah Road No. 45, which connected with U. S. Highway 40. It is still situated near the project area. Ore companies used this road to ship gilsonite both east to Colorado, and west to Vernal (Remington 1959:183). Currently, gilsonite travels as a slurry through a pump and pipeline system to its intended destination (Remington 1959:184).

#### SURVEY METHODOLOGY

An intensive pedestrian survey was performed for this project which is considered 100% coverage. At the proposed well locations, a 10 acre square was defined, centered on the well pad center stake. The location was inspected by walking parallel transects spaced no more than 10 meters (30 ft) apart. The access and pipeline corridor were surveyed to a width of 30 meters (100 ft) and a width of 45 meters (150 ft) and examined by the archaeologist employing the same methods as described above. A total of 72.5 acres was inventoried with 59.5 on public lands administered by the Bureau of Land Management (BLM), Vernal Field Office, 11.2 acres on lands administrated by SITLA, and 1.8 acres under private ownership.

Cultural resources were recorded either as archaeological sites or isolated finds of artifacts. An archaeological site was defined as a spatially definable area with features and/or ten or more artifacts. Sites were documented by archaeologists walking transects, spaced no more than 3 meters apart, and marking the locations of cultural materials with pinflags. This procedure allowed clear definition of site boundaries and artifact concentrations. At the completion of the surface inspection, a handheld GEO XT Trimble GPS unit was employed to point-provenience diagnostic artifacts and other relevant features in reference to the site datum. Archaeological sites were plotted on a 7.5' USGS quadrangle and photographed; site data were entered on an Intermountain Antiquities Computer System (IMACS, 1990 version) inventory form. Permanent datums were placed at the sites consisting of a rebar and aluminum cap stamped with the temporary site number.

#### INVENTORY RESULTS

The inventory of Westport Oil and Gas Company's four proposed well locations resulted in the documentation of two new archaeological sites (42Un4824 and 42Un4825) and one previously recorded archaeological site (42Un3044).

#### Archaeological Sites

Smithsonian Site No.:

42Un3044

Temporary Site No.:

N/A

Well Location:

Pipeline Corridor

Site Type:

Trash Scatter

Size:

30 x 60 m (900 m<sup>2</sup>)

NRHP Eligibility:

Not Eligible

<u>Description</u>: This historic site was originally documented by TRC-Mariah Associates, Inc. in 2002 during the Veritas Uinta 2D inventory. It is a small historic trash scatter consisting of tin cans, wire, glass, wood, and firearm cartridges. The site was interpreted as a temporary camp associated with ranching or prospecting activities and recommended as not eligible for the NRHP. No additional documentation of the site was completed during the current project.

Smithsonian Site No.:

42Un4824

Temporary Site No.:

05-185-01

Well Location:

Hatch 923-13G

Site Type:

Trash Scatter

Size:

34 x 23 m (644 m<sup>2</sup>)

NRHP Eligibility:

Not Eligible

Description: This is a small fairly sparse trash scatter situated on a low east-west trending ridge south of Coyote Wash. Chipeta Well is located approximately two miles to the northwest; however, this site can be considered a dry camp. Vegetation is dominated by cheat grass, with sparse stands of big sagebrush and greasewood. Sediments are a thin veneer of poorly sorted, compact, gravelly, tan silt. The artifact assemblage is consists of 14 tin cans, one can lid, and a horseshoe. No definable features were observed on the site. Tin cans consist of five tobacco tin with external friction, pin-hinged lids, three type 9 hole-in-top evaporated milk cans (ca. 1915-1930), one open top can marked with CANCO in an oval (ca. 1923-1930s), three 8 oz. tall open top cans, one 3 inch tall open top can, and three crushed open top cans. Tobacco tins were located in a small concentration at the southern end of the site while the others were scattered throughout the site. The horseshoe, which was large, appears to be from a draft horse and occurs near the tobacco tins. Diagnostic materials such as the milk cans and the CANCO open top can suggest the site was occupied during the 1920s. In addition, artifacts such as the tobacco tins and horseshoe suggests that a wagon may have been placed here suggesting this site was probably a single episode, short-term range camp.

Smithsonian Site No.:

42Un4825 05-185-02

Temporary Site No.: Well Location:

Pipeline Corridor

Site Type:

Trash Scatter

Size:

90 x 90 m (6378 m<sup>2</sup>)

NRHP Eligibility:

Not Eligible

Description: The is a large scatter of historic trash situated on the low southern slopes of a small valley. It is located in the vicinity of trenches for the Little Emma Gilsonite Mine Complex and may be associated with those activities. The site is situated approximately 4.5 km north of the White River along the valley of an intermittent wash. Vegetation is dominated by big sagebrush and greasewood with small quantity of rabbitbrush and an understory of dense cheat grass. Sediments consist of shallow of poorly sorted, compact, light brown, coarse gravelly sand. Cultural materials occur in numerous discard episodes and are dominated by tin cans (ca. 300). About 50% appear to be the open top commodity types stamped with "Sanitary" (ca. 1904-1908), although several other types including the type 9 hole-in-top evaporated milk can (ca. 1915-1930), type 2 condensed milk cans (ca. 1885-1903) marked Borden's Eagle Brand Condensed Milk and No. 1 tall open top cans (tomato juice) occur in substantial quantities as well. Small numbers of hole-in-cap cans, oval meat tins, flat eternal friction, pin hinged tobacco tins, and coffee cans also occur across the site. A few coffee cans were labeled with Morey's Solitaire Coffee and Morado Coffee, the Morey Mercantile Company, Denver; however, dates for these brands could not be established. Other artifacts include ceramics, glass, tools, cutlery (spoon), stove parts (pipe), oil lamp parts, common wire 10d nails, and a pocket knife. Tools observed included a shovel blade and a large pulley. Glass includes an amethyst medicine bottle, two aqua fruit jars (one marked with Mason/I over 6 and the other with three dots over ∞ C), a clear medicine bottle manufactured by the Illinois Glass Co. (ca 1916-1929), a milk glass jar seal, and an amethyst tumbler drinking glass. Ceramics were limited to white earthenware (mug) and white porcelain (bowl) vessels sherds. The trash scatter may be related to miner's activity at the Little Emma Gilsonite Mine based on content and chronology. However, according to Polk and Garrison (2004) the Little Emma Mine was not opened until 1920, and artifacts such as the "Sanitary" cans pre-date this operation. Although, the temporal span for this site does extend into the 1930s. It is probable that some of the artifacts may have been discarded by the residents of the community of Bonanza or other mines in the area.

#### NATIONAL REGISTER OF HISTORIC PLACES EVALUATION

The National Register Criteria for Evaluation of Significance and procedures for nominating cultural resources to the National Register of Historic Places (NRHP) are outlined in 36 CFR 60.4 as follows:

The quality of significance in American history, architecture, archaeology, and culture is present in districts, sites, buildings, structures, and objects of State and local importance that possess integrity of location, design, setting, material, workmanship, feeling, and association, and that they:

- a)...are associated with events that have made a significant contribution to the broad patterns of our history; or
- b)...are associated with the lives of persons significant to our past; or
- c)...embody the distinctive characteristics of a type, period, or method of construction; or that represents the work of a master, or that possess high artistic values, or that represent a significant and distinguishable entity whose components may lack individual distinction; or
- d)...have yielded or may be likely to yield information important in prehistory or history.

The inventory of Westport Oil and Gas Company's four proposed well locations resulted in the documentation of two new archaeological sites (42Un4824 and 42Un4825). Site 42Un4824 appears to be a short-term range camp which contains a restricted class of artifacts, no features and limited depth potential. These factors coupled with a lack of evidence for association with any significant historical event or person indicate this site is unlikely to produce additional data concerning the region's history. Therefore site 42Un4824 is recommended as not eligible for inclusion on the NRHP. Site 42Un4825 is a trash scatter with numerous discard episodes which is represented by a restricted class of artifacts (mostly tin cans) most likely discarded by local miners and/or ranchers. This type of site is common in this area where numerous trash disposal areas have been documented because of the gilsonite mines which were operated throughout the first half of the 20th century into the 1940s. This site is less important than those directed related to mining operations where habitations and other features have been documented. Therefore, 42Un4825 is not recommended to the NRHP because it is unlikely to produce additional or relevant data concerning gilsonite mining or regional history.

#### MANAGEMENT RECOMMENDATIONS

The inventory of Westport Oil and Gas Company's four proposed well locations with associated access and pipeline corridors resulted in the location of an ineligible previously recorded site (42Un3044) and the documentation of two historic sites (42Un4824 and 42Un4825) which are recommended as not eligible to the NRHP. Based on the findings, a recommendation of "no historic properties affected" pursuant to Section 106, CFR 800 is proposed for this project.

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#### APPENDIX A:

INTERMOUNTAIN ANTIQUITY COMPUTER SYSTEM (IMACS) SITE INVENTORY FORMS (42Un4824 and 42Un4825)

On File At:

Bureau of Land Management Vernal Field Office and Division of State History Salt Lake City, UT

## Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

# ROUTING 1. DJJ 2. CDW

### X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has change	ged, effective:			1/6/2006		
FROM: (Old Operator):		TO: (New Op	erator):	· · · · · · · · · · · · · · · · · · ·		
N2115-Westport Oil & Gas Co., LP		N2995-Kerr-M		z Gas Onshor	e, LP	
1368 South 1200 East			outh 1200		,	
Vernal, UT 84078		Vernal,	UT 84078			
Phone: 1-(435) 781-7024		Phone: 1-(435)	781-7024			
CA No.		Unit:				
WELL NAME	SEC TWN RNG	1	ENTITY	LEASE	WELL	WELL
	~ <u>.</u>		NO	TYPE	TYPE	STATUS
OPERATOR CHANGES DOCUMENTATION						
Enter date after each listed item is completed						
1. (R649-8-10) Sundry or legal documentation wa	s received from the	FORMER open	rator on:	5/10/2006		
2. (R649-8-10) Sundry or legal documentation wa	s received from the	NEW operator	on:	5/10/2006	•	
3. The new company was checked on the Departm	nent of Commerce	, Division of Co	rporation	s Database o	n:	3/7/2006
4a. Is the new operator registered in the State of U		Business Numb		1355743-018		
4b. If NO, the operator was contacted contacted o	n:				•	
5a. (R649-9-2)Waste Management Plan has been re-	ceived on:	IN PLACE				
5b. Inspections of LA PA state/fee well sites compl	ete on:	n/a				
5c. Reports current for Production/Disposition & S	undries on:	ok				
6. Federal and Indian Lease Wells: The	BLM and or the E	SIA has appro	ved the n	nerger, nan	ne chang	ge,
or operator change for all wells listed on Federa	l or Indian leases o	n:	BLM	3/27/2006		not yet
7. Federal and Indian Units:						
The BLM or BIA has approved the successor				3/27/2006		
8. Federal and Indian Communization	•					
The BLM or BIA has approved the operator f				n/a	·	
9. Underground Injection Control ("Ul	,	vision has appro			ster of A	ithority to
Inject, for the enhanced/secondary recovery un	tt/project for the wa	ter disposal well	l(s) listed o	n:		
DATA ENTRY:		# /1 # /0 O O C				
<ol> <li>Changes entered in the Oil and Gas Database of Changes have been entered on the Monthly Op</li> </ol>		5/15/2006		E /1 E /000C		
3. Bond information entered in RBDMS on:	erator Change Spi	5/15/2006		5/15/2006		
<ol> <li>Fee/State wells attached to bond in RBDMS on:</li> </ol>	•	5/16/2006				
5. Injection Projects to new operator in RBDMS o		2/10/2000				
6. Receipt of Acceptance of Drilling Procedures for			n/a	Name Chang	ge Only	
BOND VERIFICATION:						
1. Federal well(s) covered by Bond Number:		CO1203				
2. Indian well(s) covered by Bond Number:		RLB0005239				
3. (R649-3-1) The <b>NEW</b> operator of any fee well(	s) listed covered by	Bond Number		RLB0005236	5	
a. The <b>FORMER</b> operator has requested a release of The Division sent response by letter on:	of liability from the	ir bond on:	n/a	rider added	KMG	
LEASE INTEREST OWNER NOTIFIC.	ATION:					
4. (R649-2-10) The <b>FORMER</b> operator of the fee v		acted and inform	ed by a let	ter from the I	Division	
of their responsibility to notify all interest owner			5/16/2006			
COMMENTS:						

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

#### SUNDRY NOTICES AND REPORTS ON WELLS

	Use Form 3160-3 (APD)				6. If Indian, All	lottee or Tribe Name	
SUBMIT IN TRIPLI	SUBMIT IN TRIPLICATE – Other instructions on reverse side					A/Agreement, Name and/or No.	-
I. Type of Well					1		
Oil Well X Gas Well							~
2. Name of Operator					MUTIPLE	WELLS	
KERR-McGEE OIL & GAS C	NSHORE LP				9. API Well No	).	-
3a. Address		1	ne No. (includ	de area code)			_
1368 SOUTH 1200 EAST V		<u> </u>	81-7024		10. Field and Po-	ol, or Exploratory Area	_
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descripti	on)					-
SEE ATTACHED					11. County or Pa	rish, State	
SEE ATTACHED					UINTAH CO	UNTY, UTAH	
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICATI	NATURE	OF NOTICE, R	EPORT, OR OT	HER DATA	-
TYPE OF SUBMISSION			TYI	PE OF ACTION	1		-
Notice of Intent	Acidize Alter Casing	Deepe	en ire Treat	Production Reclamation	(Start/Resume) [	Water Shut-Off Well Integrity	-
Subsequent Report	Casing Repair Change Plans		Construction and Abandon	Recomplet	e ly Abandon	Other CHANGE OF OPERATOR	_
Final Abandonment Notice	Convert to Injection	Plug		Water Disp	•	OT LIVE OF	- -
following completion of the involved testing has been completed. Final Al determined that the site is ready for fin  PLEASE BE ADVISED THA OPERATOR OF THE ATTAKERR-McGEE OIL & GAS C	tandonment Notices shall be file al inspection.  T KERR-McGEE OIL 8 CHED WELL LOCATION	d only after GAS OI	all requirement  NSHORE I	nts, including recla LP, IS CONS JANUARY 6	SIDERED TO E	completed, and the operator has	_
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OF THE LEASE(S) FOR TH IS PROVIDED BY STATE O BLM B	F UTAH NATIONWIDI	BOND	NO. RLBO	005237.		DIV, OF OIL, GAS	& MINING
RIMP	0110 - 10120	2	AI	PPROVE	D 5/16	106	, , , , , , , , , , , , , , , , , , , ,
010	ONO = C 0/203 ONO = RLB 00	ر م سے م	20	Carl.	Russell	1	
BIA B	VAD KLD00	US a					
14. I hereby certify that the foregoing	g is true and correct	1			Gas and Minh Engineering 7		•
Name (Printed/Typed) RANDY BAYNE		Title	LING MAN	-	Digitivoting .	Commont	
Signature //		Date	LING WAY	VAGEN			-
Kanky & Sayou			9, 2006				
7 ( )	THIS SPAC	E FOR FEI	DERAL OR S	STATE USE			:
Approved by			Title		Date		;
Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct	itable title to those rights in the sul		Office				
Title 18 U.S.C. Section 1001, make		wingly and	l willfully to	make to any dep	artment or agency	of the United States any	1

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

BOR	EAU OF LAND MANA	CEME	,	5. Lease Serial No.	
SUNDRY	NOTICES AND REPORT	TS ON V	VELLS	MULTIPLE LEASES	
	Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.				
SUBMIT IN TRIPL	SUBMIT IN TRIPLICATE – Other instructions on reverse side				
1. Type of Well					
Oil Well X Gas Well	8. Well Name and No.				
2. Name of Operator	MUTIPLE WELLS				
WESTPORT OIL & GAS CO	OMPANY L.P.			9. API Well No.	
3a. Address		1	none No. (include area code)		
1368 SOUTH 1200 EAST \			781-7024	10. Field and Pool, or Exploratory Area	
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Descripti	ion)			
				11. County or Parish, State	
SEE ATTACHED				UINTAH COUNTY, UTAH	
12. CHECK APP	ROPRIATE BOX(ES) TO	INDICA	TE NATURE OF NOTICE,	REPORT, OR OTHER DATA	
TYPE OF SUBMISSION			TYPE OF ACTIO	N	
Notice of Intent	Acidize	Dec	epen Productio	n (Start/Resume) Water Shut-Off	
	Alter Casing		cture Treat Reclamat		
X Subsequent Report	Casing Repair	☐ Nev	v Construction 🔲 Recomple		
	Change Plans			ily Abandon OPERATOR	
Final Abandonment Notice	Convert to Injection		g Back	sposal  any proposed work and approximate duration thereof	
Attach the Bond under which the wo following completion of the involved	ork will be performed or provide operations. If the operation resultant or operations to be shall be file	the Bond i	No. on file with BLM/BIA. Requalified Requalition or recompletion or recompletion.	we vertical depths of all pertinent markers and zones. aired subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once lamation, have been completed, and the operator has	
EFFECTIVE JANUARY 6, 2					
THE OPERATORSHIP OF	THE ATTACHED WELF	L LOCA	TIONS TO KERR-McG	EE OIL & GAS	
ONSHORE LP.	ADDE	0017	2D 6111 101		
	Arrr	COAL	ED 5/6/06	RECEIVED	
		ulm	e Russell	•	
	Division	of Oil	Gas and Mining	MAY 1 0 2006	
	Earlene	Russell	, Engineering Technicis	n	
14. I hereby certify that the foregoin				DIV OF QIL, GAS & MINING	
Name (Printed/Typed)	g is true and correct	Title	a		
BRAD LANEY		1	GINEERING SPECIALIS	ST	
Signature		Date	2		
			/ 9, 2006		
	THIS SPAC	E FOR F	EDERAL OR STATE USE		
Approved by			Title	Date	
Conditions of approval, if any, are attacked	Annroval of this notice does not	warrant or	Office	5-9-06	
certify that the applicant holds legated equ	itable title to those rights in the sul	bject lease	Oince		
Which would entitle the applicant to conduct					
THE TO U.S.C. Section 1001, make	in a crume for any person kno	owingiy a:	nd willfully to make to any de	partment or agency of the United States any	

(Instructions on reverse)

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



#### **United States Department of the Interior**

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

#### NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700

Oil & Gas

Denver, CO 80202

#### Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

#### Attachment:

List of OG Leases to each of the following offices:
MMS MRM, MS 357B-1
WY, UT, NM/OK/TX, MT/ND, WY State Offices
CO Field Offices
Wyoming State Office

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



## United States Department of the Interior



BUREAU OF LAND MANAGEMENT Utah State Office P.O. Box 45155 Salt Lake City, UT 84145-0155 http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

#### Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

#### Enclosure

Approval letter from BLM COSO (2 pp)

ĊC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

MAR 2 8 2006

[ H OF CT. 0:02 1 1 1 1 1 ]

## DEPARTMENT OF THE INTERIOR

## BUREAU OF LAND MANAGEMENT

FORM APPROVED					
OMB No.	1004-0135				
Expires Jnove	mber 30, 2000				

DOM	EAU OF LAIND MANAC	DEMIEN I		5. Lease Sen	ai No.
SUNDRY	NOTICES AND REPORT	S ON WELLS		UTU-0130	1
Do not use this	form for proposals to	drill or reenter a	n	6. If Indian, A	Allottee or Tribe Name
abandoned well.	Use Form 3160-3 (APD)	for such proposals	s.		
SUBMIT IN TRIPL	ICATE – Other instru	ctions on reverse	e side	7. If Unit or 0	CA/Agreement, Name and/or No.
1. Type of Well					
Oil Well 🗶 Gas Well	Other			8. Well Name	e and No.
2. Name of Operator		·		HATCH 92	3-13C
KERR McGEE OIL AND GA	S ONSHORE LP			9. API Well l	No.
3a. Address		3b. Phone No. (include	le area code)	430473685	59
1368 SOUTH 1200 EAST VI		435-781-7003		10. Field and I	Pool, or Exploratory Area
4. Location of Well (Footage, Sec.,	T., R., M., or Survey Description	on)		UNDESIG	NATED
491' FNL 2098' FWL				11. County or	Parish, State
NENW, SEC 13-T9S-R23E				UINTAH, U	ΙΤ
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICATE NATURE	OF NOTICE, R	EPORT, OR C	OTHER DATA
TYPE OF SUBMISSION		TYF	PE OF ACTION	1	
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Reclamation Recomplet	e	Well Integrity Other APD EXTENSIO
Final Abandonment Notice	Change Plans Convert to Injection	Plug and Abandon Plug Back	Temporaril Water Disp	y Abandon osal	DOGM
13. Describe Proposed or Completed Open If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin	illy or recomplete horizontally, girk will be performed or provide to operations. If the operation results and omnent Notices shall be file	ve subsurface locations and the Bond No. on file with its in a multiple completion	Imeasured and tru BLM/BIA Requinor recompletion:	e vertical depths red subsequent re in a new interval,	of all pertinent markers and zones. ports shall be filed within 30 days a Form 3160-4 shall be filed once
THE OPERATOR REQUEST LOCATION SO THAT THE DIVISION THE DIVISION OF THE DIVISIO	DRILLING OPERATION	NS MAY BE COMF	PLETED. THE		
	k	Appro Utah I Cit. Sant	ved by the Davision of	9 00	

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) Title RAMEY HOOPES REGULATORY CLERK Date July 11, 2006 THIS SPACE FOR FEDERAL OR STATE USE Approved by Title Conditions of approval, if any, are attached. Approval of this notice does not warrant or Office certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

RECEIVED



# Application for Permit to Drill Request for Permit Extension Validation

Validation (this form should accompany the Sundry Notice requesting permit extension)

API: 4304736859  Well Name: HATCH 923-13C  Location: NENW, SEC 13-T9S-R23E  Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP  Date Original Permit Issued: 8/18/2005				
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.				
Following is a checklist of some items related to the application, which should be verified.				
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes □ No ☑				
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑				
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑				
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes□No ☑				
Has the approved source of water for drilling changed? Yes□No☑				
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑				
Is bonding still in place, which covers this proposed well? Yes ☑No ☐				
Ramey Hoopes 7/11/2006 Signature Date				
Title: REGULATORY CLERK				
Representing: KERR MCGEE OIL AND GAS ONSHORE L				

JUL 2 5 2006

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

#### SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

UT	J-01	1301
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<ol><li>If Indian, Allottee or Tribe Na</li></ol>
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	l. Use Form 3160-3 (APD) f					0.	n maran,	Anou	ee or Tribe Name
SUBMIT IN TRIPL	ICATE – Other inst	E(	3EW	<u> </u>	P	7.	If Unit or	CA/A	greement, Name and/or No.
1. Type of Well						1			
Oil Well X Gas Well	Other	DE	C 0 4 2006	6		8.	Well Nam	e and	No.
2. Name of Operator						HA.	TCH 92	23-13	3C
KERR McGEE OIL AND GAS	: 11	ΜV	ERNAL L	ITA	\H	1	API Well		
3a. Address	Į.		ione No. (include	are	a code)		473685		
1368 SOUTH 1200 EAST VEF		435-7	81-7003			10. 1	Field and	Pool,	or Exploratory Area
4. Location of Well (Footage, Sec., T.,	R., M., or Survey Description)								
491' FNL 2098' FWL						]11. (	County or	Paris	h, State
NENW, SEC 13-T9S-R23E						UIN	TAH, L	JTAł	4
12. CHECK A	APPROPRIATE BOX(ES) TO I	NDIC	ATE NATURE	OF	NOTICE, RE	EPOR'	Γ, OR O	ГНЕІ	R DATA
TYPE OF SUBMISSION			TY	PE	OF ACTION				
Notice of Intent	Acidize Alter Casing	=	pen cture Treat		Production ( Reclamation	•	Resume)		Water Shut-Off Well Integrity
Subsequent Report	Casing Repair Change Plans	= -	v Construction g and Abandon		Recomplete Temporarily		don	X	Other APD EXTENSION BLM
Final Abandonment Notice	Convert to Injection	Plu	g Back	Ē	Water Dispo	osal			
If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved of testing has been completed. Final Abdetermined that the site is ready for final THE OPERATOR REQUESTS LOCATION SO THAT THE DR	k will be performed or provide the operations. If the operation results andonment Notices shall be filed al inspection.  AUTHORIZATION FOR A	Bond in a m only aft	No. on file with ultiple completion er all requiremen	BLN n or nts, i	M/BIA. Requirecompletion including recla	red sultin a neumation	osequent r w interva n, have be	eports l, a Foren co	s shall be filed within 30 days orm 3160-4 shall be filed once ompleted, and the operator has
APPROVED BY THE BUREAU						אווכ	LAFD	V V A	3
									RECEIVED
									FEB 0 2 2007
	,							DIV.	OF OIL, GAS & MINING
14. I hereby certify that the foregoing is tr	ue and correct					-			
Name (Printed/Typed)  RAMEY	100PES	Title	}		REGUI	LATO	ORY CL	ER	<b>(</b>
Signature James	TIMEN	Date	:				er 4, 20		
- Correct !	THIS SPACE	FOR F	EDERAL OR S	TAT					
Approved by	F. C. 40.	****	Tipetrole	um	Engine	er	Date	35	N 1 7 2007
Conditions of approved, if any, are attached certify that the applicant holds legal or equit which would entitle the applicant to conduct	Approval of this notice loes not war able title to those rights in the subject		Office						

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



4304736859

API:

# Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

Well Name: HATCH 923-13C Location: NENW, SEC 13-T9S-R23E Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP Date Original Permit Issued: 1/27/2006
The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.
Following is a checklist of some items related to the application, which should be verified.
If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes⊡No☑
Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑
Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑
Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☑
Has the approved source of water for drilling changed? Yes□ No☑
Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑
Is bonding still in place, which covers this proposed well? Yes ☑No ☐    12/4/2006   Date
Title: REGULATORY CLERK
Representing: Kerr McGee Oil and Gas Onshore LP

## **CONDITIONS OF APPROVAL**

#### Kerr-McGee Oil & Gas

#### Notice of Intent APD Extension

Lease:

UTU-01301

Well:

Hatch 923-13C

Location:

NENW Sec 13-T9S-R23E

An extension for the referenced APD is granted with the following conditions:

- 1. The extension and APD shall expire on 1/27/08.
- 2. No other extension shall be granted.

If you have any other questions concerning this matter, please contact Jim Ashley of this office at (435) 781-4470.

#### STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS AND MINING

FORM 6

**ENTITY ACTION FORM** 

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Operator: Address:

1368 SOUTH 1200 EAST

city VERNAL

zip 84078 state UT

Phone Number: (435) 781-7024

P

eji 1					TWP	Rng	County
	Well	Name	QQ	Sec			UINTAH
API Number 4304736859	HATCH 923-13C		NENW	13	98	23E	
Action Code	Current Entity Number	New Entity Number	8	pud Da	te	En	tity Assignment Effective Date
-A-	99999	16060	<u> </u>	4/20/200		4	26/07
comments: AUD	LI DETE MARTIN BUCH	KET RIG.	ws	mV.	Δ		

MIRU PETE MARTIN

SPUD WELL LOCATION ON 04/20/2007 AT 1400 HRS.

_	Nell 2	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	l-ma	QQ	Sec	Twp	Rng	County
ſ	API Number	Well !	481119	NENE	31	95	22 <b>E</b>	UINTAH
- [	4304738561	NBU 922-31A-4T					Ent	ity Assignment
Ì	Action Code	Current Entity Number	New Entity Number	S	pud Da	10	E	ffective Date
			2900		4/21/200	)7	14	126/07
1	$\mathcal{B}$	99999	0900				<del></del>	<u> </u>

MIRU ROCKY MTN BUCKET RIG. WS M VD Comments: SPUD WELL LOCATION ON 04/21/2007 AT 1130 HRS.

P

Well 3	101.11	Nova	QQ	Sec	Twp_	Rng	County
API Number	Well	Name			98	23E	UINTAH
4304737027	HATCH 923-14A		NENE	14			ity Assignment
Action Code	Current Entity Number	New Entity Number	S	pud Da	te	E	iffective Date
	99999	16061		4/21/20	07	14/	36/07_
		1/15	mVD				

MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 04/21/2007 AT 1500 HRS.

#### ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- Other (Explain in 'comments' section)

SHEILA UPCHEGO

SENIOR LAND SPECIALIST 4/23/2007 Title

RECEIVED

APR 2 3 2007

DIV. OF OIL, GAS & MINERA

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

SUNDRY	NOTICES AND REPORT	IS ON W	ELLS			1010-01	301
Do not use thi	s form for proposals to	o drill oi	reenter ar	7		6. If Indi	an, Allottee or Tribe Name
abandoned well	. Use Form 3160-3 (APD	) for suc	h proposals	i <b>.</b>			
SUBMIT IN TRIPL	ICATE – Other instr	uctions	on rever	se s	ide	7. If Unit	t or CA/Agreement, Name and/or No.
1. Type of Well						_	
Oil Well X Gas Well	Other					8. Well h	Name and No.
2. Name of Operator						HATC	H 923-13C
KERR-McGEE OIL & GAS ON	SHORE LP					9. API W	/ell No.
3a. Address 3b. Phone No. (include area code)						430473	6859
1368 SOUTH 1200 EAST VEH	RNAL, UT 84078	(435)	781-7024			10. Field a	and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., T., I	R., M., or Survey Description)			<del></del> -		UNDES	SIGNATED
						11. Count	y or Parish, State
NE/NW SEC. 13, T9S, R23E 4	91'FNL, 2098'FWL					UINTAH	I COUNTY, UTAH
12. CHECK A	PPROPRIATE BOX(ES) TO	O INDICA	TE NATURE	E OF N	NOTICE, R	EPORT, OR	OTHER DATA
TYPE OF SUBMISSION			T	YPE	OF ACTIO	N	
Notice of Intent	Acidize Alter Casing	Fra	pen eture Treat		Reclamat		Water Shut-Off Well Integrity Other WELL SPUD
Subsequent Report	Casing Repair Change Plans	=	v Construction g and Abandon	-	Recomple	rily Abandon	Other Walle
Final Abandonment Notice	Convert to Injection		g Back	Ē	Water Di	-	**************************************
testing has been completed. Final At determined that the site is ready for final MIRU PETE MARTIN BUCKET	oandonment Notices shall be fi al inspection.	iled only af	ter all requiren	nents,	including re	clamation, hav	erval, a Form 3160-4 shall be filed once we been completed, and the operator has
PIPE. CMT W/ 28 SX READY I		01100					
							English with
SPUD WELL LOCATION ON (	04/20/2007 AT 1400 HF	RS.					MAN
							MAY 0 1 2007
	· ·						יים מין פין פין
14. I hereby certify that the foregoing is t	rue and correct						
Name (Printed/Typed)		Title	NIOR LAND	. A IDI	MINI CDE	CIALIST	
SHEILA UPCHEGO				ADI	WIIN SPE	CIALIST	
Mulle Malle	hlest		123, 2007				
	// THIS SPA	CE FOR F	EDERAL OR	STAT	E USE	- I 5 :	
Approved by			Title			Date	
Conditions of approval, if any, are attached. certify that the applicant holds legal or equit which would entitle the applicant to conduct	able title to those rights in the s operations thereon.	ubject lease	Office				
Title 18 U.S.C. Section 1001, make	it a crime for any person ki	nowingly a	ind willfully	to ma	ke to any c	lepartment or	agency of the United States any
false, fictitious or fraudulent statemen	nts or representations as to a	ny matter	within its juri:	sdictio	on.		

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

#### BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No.

UTU-0130	ď	3	1	0	J-	U	Т	U	
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	s form for proposals to				6. If Indian, Al	lottee or Tribe Name
	. Use Form 3160-3 (APD) 	<del></del>		e side	7. If Unit or CA	A/Agreement, Name and/or No.
1. Type of Well						
Oil Well X Gas Well	Other				8. Well Name a	
2. Name of Operator					HATCH 92	23-13C
KERR-McGEE OIL & GAS ON	SHORE LP				9. API Well No	
3a. Address		1	ne No. (include	area code)	4304736859	
1368 SOUTH 1200 EAST VEH		(435) 7	81-7024			ol, or Exploratory Area
4. Location of Well (Footage, Sec., T., I	R., M., or Survey Description)				UNDESIGNA 11. County or Pa	
NE/NW SEC. 13, T9S, R23E 4	91'FNL, 2098'FWL					UNTY, UTAH
12. CHECK A	APPROPRIATE BOX(ES) TO	INDICAT	E NATURE C	OF NOTICE, REP	ORT, OR OTH	ER DATA
TYPE OF SUBMISSION			TY	PE OF ACTION		
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	=	en ure Treat Construction	Production (	Start/Resume)	Water Shut-Off Well Integrity Other SET SURFACE
Subsequent Report	Change Plans		and Abandon	Temporarily	Abandon	CSG
Final Abandonment Notice	Convert to Injection	Plug		Water Dispo	sal	
If the proposal is to deepen directions Attach the Bond under which the wor following completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin MIRU BILL MARTIN AIR RIG COUNTY SURFACE CSG. LEAD CMT VOLASS G @15.8 PPG 1.15 YII RAN 200' OF 1" PIPE, CMT WOUNTY SURFACE AND FELL BACK."  GOOD CMT TO SURFACE HO	rk will be performed or provide operations. If the operation resubandonment Notices shall be file al inspection.  ON 04/23/2007. DRILLE W170 SX HIFILL CLASS ELD. GOOD RETURNS W130 SX PREM CLASS TOP OUT W/35 SX PRE	the Bond N Its in a mu d only afte D 12 1/4 G @11 THROU G @15.	lo. on file with litiple completion all requirement all requir	E HOLE TO 22 2 YIELD. TAILE B NO LEAD CI	ered subsequent re in a new interval, mation, have bee 270'. RAN 9 8 ED CMT W/2 MT TO PIT. N 1" PIPE. G	ports shall be filed within 30 days a Form 3160-4 shall be filed once in completed, and the operator has 5/8" 32.3# H-40 00 SX PREM
WORT.	DLE STATED FOLL.					MAY U 7 2007
						: OF OIL, GAS & MINING
14. I hereby certify that the foregoing is	true and correct				— DIV	OF OIL, WHO WINNING
Name (Printed/Typed) SHEILA UPCHEGO		Title SEN	IOR LAND	ADMIN SPECI	IALIST	
Flydure / // // // //	WH)	Date April	30, 2007			
HIMM FINNS	THIS SPAC	E FOR FI	DERAL OR S	TATE USE		
Approved by			Title		Date	
Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduc	itable title to those rights in the sult operations thereon.	bject lease	Office			any of the United States any
Title 18 U.S.C. Section 1001, make	it a crime for any person kno	owingly a	na wilitully to	make to any dep	partment or ager	icy of the Officed States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Notice of Intent

Subsequent Report

Final Abandonment Notice

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No. UTU-01301

Production (Start/Resume)

Temporarily Abandon

Reclamation

Recomplete

Water Disposal

#### SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

Acidize

Alter Casing

Casing Repair

Change Plans

Convert to Injection

Water Shut-Off

OPERATIONS

Other FINAL DRILLING

Well Integrity

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE – Other inst	7. If Unit of CA/Agreement, Name and/of No.			
1. Type of Well  Oil Well  Gas Well Other  2. Name of Operator	8. Well Name and No. HATCH 923-13C			
KERR-McGEE OIL & GAS ONSHORE LP	3b. Phone No. (include area code)	9. API Well No. 4304736859		
1368 SOUTH 1200 EAST VERNAL, UT 84078  4. Location of Well (Footage, Sec., T., R., M., or Survey Description)	10. Field and Pool, or Exploratory Area UNDESIGNATED			
NE/NW SEC. 13, T9S, R23E 491'FNL, 2098'FWL	11. County or Parish, State UINTAH COUNTY, UTAH			
12. CHECK APPROPRIATE BOX(ES)	TO INDICATE NATURE OF NOTICE, I	REPORT, OR OTHER DATA		
TYPE OF SUBMISSION TYPE OF ACTION				

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

Deepen

Plug Back

Fracture Treat

New Construction

Plug and Abandon

FINISHED DRILLING FROM 2270' TO 8358' ON 05/13/2007. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/400 SX PREM LITE II @11.8 PPG 2.82 YIELD. TAILED CMT W/1000 SX 50/50 POZ @14.3 PPG 1.31 YIELD. WAS LINES DROP PLUG AND DISPLACE W/129 BBLS WATER W/CLAYTREAT + 1 GL MAGNACIDE TO BUMP PLUG 500 OVER PSI 1.25 BBL BACK FLOAT HELD W/15 BBLS CMT BACK TO SURFACE 100% RETURNS SET MANDREL HANGER 80K STRING WT TEST HEAD TO 5000 PS RECEIVED FLUSH STACK AND CHOKE W/WATER NIPPLE DOWN & CLEAN MUD PITS. MAY 2 9 2007

RELEASED PIONEER RIG 68 ON 05/14/2007 AT 0600 HRS.

DIV OF OIL CAS & LESSING

		DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing is true and correct		
	itle ENIOR LAND ADMIN SPECIALIS	ST
	ay 23, 2007	
THIS SPACE FOR	R FEDERAL OR STATE USE	
Approved by	Title	Date
Conditions of approval, if any, are attached. Approval of this notice does not warrant certify that the applicant holds legal or equitable title to those rights in the subject leawhich would entitle the applicant to conduct operations thereon.	ase .	
Title 18 U.S.C. Section 1001, make it a crime for any person knowingly	y and willfully to make to any departme	ent or agency of the United States any

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### **UNITED STATES** DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

 C-	 `	t _	

BUR	5. Lease Serial No. UTU-01301						
SUNDRY							
Do not use thi abandoned well	6. If Indian, A	Illottee or Tribe Name					
SUBMIT IN TRIPL	SUBMIT IN TRIPLICATE – Other instructions on reverse side						
I. Type of Well  Oil Well  Gas Well	8. Well Name						
2. Name of Operator				HATCH 9	)23-13C		
KERR-McGEE OIL & GAS ON	SHORE LP			9. API Well N			
Ba. Address		3b. Phone No. (include	area code)	430473685			
1368 SOUTH 1200 EAST VEF		(435) 781-7024		10. Field and Po	ool, or Exploratory Area		
Location of Well (Footage, Sec., T., F	\(\) M., or Survey Description\(\)\			11. County or F			
NE/NW SEC. 13, T9S, R23E 4	91'FNL, 2098'FWL				DUNTY, UTAH		
12. CHECK A	PPROPRIATE BOX(ES) TO	O INDICATE NATURE (	OF NOTICE, REI	PORT, OR OTH	IER DATA		
TYPE OF SUBMISSION		TY	PE OF ACTION				
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	Deepen Fracture Treat New Construction	Production ( Reclamation		Water Shut-Off Well Integrity Other PRODUCTION		
M sassafaran salam	Change Plans	Plug and Abandon	Temporarily		START-UP		
Final Abandonment Notice	Convert to Injection	Plug Back	Water Dispo	osal			
3. Describe Proposed or Completed Oper If the proposal is to deepen directiona Attach the Bond under which the wor following completion of the involved testing has been completed. Final At determined that the site is ready for fin.	ally or recomplete horizontally, rk will be performed or provide operations. If the operation re- bandonment Notices shall be fi	give subsurface locations and e the Bond No. on file with sults in a multiple completio	d measured and tru BLM/BIA. Requing or recompletion	ne vertical depths red subsequent re in a new interval	of all pertinent markers and zones. eports shall be filed within 30 days a Form 3160-4 shall be filed once		
THE SUBJECT WELL LOCATI	ON WAS PLACED ON	PRODUCTION ON C	6/14/2007 AT	11:00 AM			
	ACUED CURONOLOC	ICAL WELL HISTOR	<b>v</b>	F	RECEIVED		

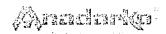
PLEASE REFER TO THE ATTACHED CHRONOLOGICAL WELL HISTORY.

JUN 2 6 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct						
Name (Printed/Typed)	Title					
SHEILA UPCHEGO	SENIOR LAND ADMIN	SENIOR LAND ADMIN SPECIALIST				
Signal MMM	Date June 19, 2007					
Visit of the second	HIS SPACE FOR FEDERAL OR STATE US	SE				
Approved by	Title	Date				
Conditions of approval, if any, are attached. Approval of this a certify that the applicant holds legal or equitable title to those which would entitle the applicant to conduct operations thereor	rights in the subject lease					
Title 10 HCC Castian 1001 make it a arime for a	w person knowingly and willfully to make to	any department or agency of the United S	States anv			

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



#### Anadarko Petroleum Corporation 1368 S. 1200 East Vernal, UT 84078

#### CHRONOLOGICAL WELL HISTORY

**HATCH 923-13C** 

NENW, SEC. 13, T9S, R23E UINTAH COUNTY, UT

DATE	ACTIVITY		STATUS
04/13/07	LOCATION STARTED	PIONEER 68	
04/20/07	SET CONDUCTOR	PIONEER 68	
04/23/07	SET AIR RIG 9 5/8" @2750'	PIONEER 68	WORT
05/07/07	TD: 2270' Csg. 9 5/8" @ 2249' Move to Hatch 923-13C. RURT. PU B		7/07 DSS: 0
05/08/07	TD: 2943' Csg. 9 5/8" @ 2249' Finish PU DP. Drill cmt and FE. Rotar to shoe and replace rotary clutch. TIH	MW: 8.3 SD: 5/7/0 y spud @ 1330 hrs on 5/7/07 and drill to 2943'. DA @ rep	7. Drill f/ 2249'-2584'. TOOH
05/09/07	TD: 5284' Csg. 9 5/8" @ 2249' Drill from 2943'-5284'. DA @ report tim		7 DSS: 2
05/10/07	TD: 6548' Csg. 9 5/8" @ 2249' Drill from 5284'-6548'. DA @ report tim	MW: 10.1 SD: 5/7/0 ne.	7 DSS: 3
05/11/07	TD: 7726' Csg. 9 5/8" @ 2249' Drill from 6548'-7726'. Made connectio Repaired leak, CCH, and TOOH @ rep		
05/14/07	TD: 8358' Csg. 9 5/8" @ 2249' Change out bit and MM. Drill from 7686 ppg. Drill to 8358' TD. Short trip and la 4 ½" Production Casing. Release rig @	y down drill string. Run Trij	nd raise mud weight to 11.5
05/15/07	TD: 8358' Csg. 9 5/8" @ 2249' RDRT. Moving rig to Hatch 923-24A @		7 DSS: 8
06/06/07	WINDY Days On Completion: 1 Remarks: 7AM [DAY 1] J.S.A #1 WAIT SDFD	ON HIGH WIND TO R/D RIG	G WIND BLEW ALL DAY.
06/07/07	MIRII		

06/07/07 MIRU

Days On Completion: 2

Remarks: 7AM [DAY 2] RDMO ANKERPONT 31-156. ROAD RIG TO HATCH 923-13C. MIRU. EQUIPMENT WAS SPOTTED YESTERDAY. SICP=1400#. BLEW WELL DOWN IN 20 MINUTES. NDWH, NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" MILL & RIH ON NEW 2-3/8" J-55 TBG & RIH. [SLM] TBG WAS DRIFTED. TAG LIGHT-- TIGHT SPOT @ 2000'.

FLOW STARTED UP TBG. KILL TBG W/ 10 BBLS 2% KCL. CONTINUE RIH. TAG PBTD @ 8314'. CIRCULATE WELL CLEAN W/ 105 BBLS 2% KCL WATER. POOH & L/D 12 JTS ON FLOAT. CONTINUE POOH STANDING BACK TBG. L/D MILL. MIRU CUTTERS. RIH W/ CIBP & SET @ 8314'. POOH, L/D WIRELINE TOOLS. R/U RIG PUMP. P.T. CSG TO 1700#. HELD GOOD. SEEN NO TIGHT SPOTS W/ WIRELINE. 8:30 PM SWI-SDFN. PREP TO LOG, P.T. & PERF IN AM.

#### 06/08/07

#### LOG, P.T. AND PERF

Days On Completion: 3

Remarks: 7AM [DAY3] J.S.A. #3 SICP=0#. NDBOP, NU FRAC VALVES. R/U CUTTERS. RAN A CBL-CCL-GR LOG FROM 8295' TO 120'. EST CMT TOP @ SURF. MAX TEMP 196\*. POOH & L/D WIRELINE TOOLS. MIRU DOUBLE JACK. P.T. CSG & FRAC VALVES TO 7500#. [HELD GOOD] RDMO DOUBLE JACK TESTERS.

[STG#1] RIH W/ PERF GUN & PERF THE M.V. @ 8275'-8285' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90\* PHASING, 4 SPF, [40 HLS] WHP=0#. POOH & L/D WIRELINE TOOLS. RDMO CUTTERS. 3 PM SWI-SDF-WE. PREP TO FRAC W/ HLBRTN ON MONDAY 6/11/07.

#### 06/11/07

#### **FRAC**

Days On Completion: 6

Remarks: 6 AM [DAY 4] MIRU HLBRTN & CUTTERS. HELD HLBRTN J.S.A.

[STG#1] WE-SICP=1000#. P.T. SURFACE LINES TO 8000#. BRK DN PERFS @ 3639 @ 4 BPM. ISIP=2521, F.G. =.74. PMP'D 3 BBLS 15% HCL AHEAD OF INJ. CALC 25/40 PERFS OPEN. PMP'D 846 BBLS SLK WTR & 27,200@ 30/50 SD. ISIP=2768, F.G. =.77, NPI=247, MP=7177, MR=55, AP=4712, AR=47 BPM.

[STG#2] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 7920'. PERF THE M.V. @ 7679'-7681', 7812'-7816', 3 SPF, 120\* PHASING & 7884'-7890', 4 SPF, 90\* PHASING USING 3-3/8" EXP GUN, 23 GM, 0.36, [42 HLS] WHP=1050#. BRK DN PERFS @ 2410# @ 5 BPM. ISIP=2062, F.G. =.70. CALC 32/42 PERFS OPEN. PMP'D 1987 BBLS SLK WTR & 67,600# 30/50 SD. ISIP=2957, F.G. =.81, NPI=895, MP=5057, MR=52, AP=4325, AR=51 BPM. CUT SD EARLY---WANTING TO S/O. STG WAS DESIGNED FOR 78,520#

[STG#3] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 7090'. PERF THE M.V. @ 7056'-7060' USING 3-3/8" EXP GUN, 23 GM, 0.36, 90\* PHASING, 8 SPF, SHOT 2X @ 4 SPF, [32 HLS] WHP=0#. BRK DN PERFS @ 2662# @ 5 BPM. ISIP=2343, F.G. =.77, CALC 26/32 PERFS OPEN. PMP'D 454 BBLS SLK WTR & 14,300# 30/50 SD. ISIP=2422, F.G. =.78, NPI=79, MP=3508, MR=37, AP=3039, AR=34 BPM.

[STG#4] RIH W/ BAKER 8K CBP & PERF GUN. SET CBP @ 6346'. PERF THE WASATCH @ 6200'-6206' & THE M.V. @ 6313'-6316' USING 3-1/8" H.S.C. GUN, 12 GM, 0.34, 90\* PHASING, 4 SPF, [36 HLS] WHP=0#. BRK DN PERFS @ 2659# @ 5 BPM. ISIP=2138, F.G. =.78. CALC 30/36 PERFS OPEN. PMP'D 835 BBLS SLK WTR & 27,900# 30/50 SD. ISIP=2272, F.G. =.80, NPI=134, MP=3313, MR=40, AP=2861, AR=37 BPM. [KILL PLUG] RIH W/ BAKER 8K CBP & SET @ 6090'. POOH & L/D WIRELINE TOOLS. RDMO HLBRTN & CUTTERS. TOTAL 30/50 SD=137,000# & TOTAL FLUID=4122 BBLS. R/D FLOOR. N/D FRAC VALVES. NUBOP. R/U FLOOR & TBG EQUIPMENT. P/U 3-7/8" BIT, POBS W/ R NIPPLE & RIH ON 2-3/8" TBG. EOT @ 5070'. 5:30 PM SWI-SDFN. PREP TO DRILL OUT [4] CBP'S IN AM.

#### 06/12/07

#### **DRILL CBP'S**

Days On Completion: 7

Remarks: 7AM [DAY 5] J.S.A. #5 EOT @ 5070'. CONTINUE RIH ON 2-3/8" TBG. TAG CBP#1 @ 6090'. ESTABLISH CIRCULATION W/ 2% KCL WATER W/ RIG PUMP. P.T. BOP TO 3000#.

[DRLG CBP#1] @ 6090'. DRILL OUT BAKER 8K CBP IN 4 MIN. 0# DIFF. RIH, TAG SD @ 6326'

C/O 20' SD.

[DRLG CBP#2] @ 6346'. DRILL OUT BAKER 8K CBP IN 6 MIN. 100# DIFF. RIH, TAG SD @ 7060'. C/O 30' SD.

[DRLG CBP#3] @ 7090'. DRILL OUT BAKER 8K CBP IN 9 MIN. 250# DIFF. RIH, TAG SD @ 7900'. C/O 20' SD.

[DRLG CBP#4] @ 7920'. DRILL OUT BAKER 8K CBP IN 4 MIN. 200# DIFF. RIH, TAG PBTD @ 8313'. CIRCULATE WELL CLEAN. POOH & L/D 38 JTS ON FLOAT. LAND TBG ON HANGER W/ 230 JTS NEW 2-3/8" J-55 TBG. EOT @ 7126.58' & POBS W/ R NIPPLE @ 7124.38'. AVG 6 MIN/PLUG & C/O 70' SD. R/D FLOOR & TBG EQUIPMENT. NDBOP, NUWH. DROP BALL DN TBG & PMP OFF THE BIT @ 1800#. OPEN WELL TO F.B.T. ON OPEN CHOKE FOR 1 HR. FTP=150#, SICP=1150#. 2 PM TURN WELL OVER TO F.B.C. LTR @ 2 PM=3452 BBLS. RACK EQUIPMENT. RDMO. ROAD RIG TO HATCH 923-14A. MIRU, SPOT EQUIPMENT.

NOTE: 278 JTS OF 2-3/8" J-55 OUTBOUND

230 JTS LANDED IN WELL.

46 ON FLOAT-- 2 JTS WERE RUINED, LEFT ON GROUND & HL'D TO JUNK PILE 3 PM SDFN

**6/13/07 FLOWBACK REPORT:** CP 2400#, TP 1200#, CK 15/64", 40 BWPH, LOAD REC'D 2236 BBLS, LLTR 1216 BBLS

**96/14/07** FLOWBACK REPORT: CP 2375#, TP 1200#, CK 15/64", 30 BWPH, LOAD REC'D 3013 BBLS, LLTR 439 BBLS
WELL WENT ON SALES @ 11 AM, 400 MCF, TBG 1400, CSG 2400, CK 15/64", 40 BWPH
ON SALES: 268 MCF, 10 BC, 480 BW, TP: 1200#, CP: 2275#, 16/64 CHK, 24 HRS, LP: 159#.

**96/15/07** FLOWBACK REPORT: CP 2150#, TP 1225#, CK 16/64", 13 BWPH, LOAD REC'D 3434 BBLS, LLTR 988 BBLS **ON SALES:** 533 MCF, 10 BC, 300 BW, TP: 1400#, CP: 2400#, 16/64 CHK, 24 HRS, LP: 135#.

**96/16/07** FLOWBACK REPORT: CP 1800#, TP 1150#, CK 20/64", 15 BWPH, LOAD REC'D 3896 BBLS, LLTR 526 BBLS **ON SALES:** 731 MCF, 10 BC, 300 BW, TP: 1400#, CP: 2400#, 20/64 CHK, 24 HRS, LP: 208#.

**06/17/07 ON SALES:** 1358 MCF, 100 BC, 240 BW, TP: 824#, CP: 1303#, 20/64 CHK, 24 HRS, LP: 216#.

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

													UTU	-01301			
la. Type of	Well Completion	Oil W	/ell [			Dry Work Over		her Deepen	Пр	ıa Back	Diff.	Pesur	6.	f Indian,	Allottee o	r Tribe	: Name
		•	Other		<u> </u>	work Over		Deepen		ig Dack	U Dill.	Resvi.	7.	Unit or Ca	A Agreem	ent Na	me and No.
2. Name of	Operator												8.	Lease Nar	ne and W	ell No.	
	IcGEE O	IL & G	<u> AS O</u>	<u>NSHC</u>	RE L	.P			T=" =.				HA	TCH	923-	<b>13C</b>	;
3. Address									l .	one No. (in		code)	9.	API Well	No.		
	OUTH 12							J1		<u>-781-70</u>	24		4304	73685	9		
4. Location	of Well (Re	port tocai	tions cl	earty and	a in acc	coraance wi	in re	aerai requi	iremenis)	, -			10.	Field and	Pool, or l	Explor	atory
At surface			N	IE/NW	491'	FNL, 20	98'F	WL						ESIGN			
At top prod	. interval re	norted hel	ωw										11.	Sec., T., I	R., M., or	Block SEC	and 13, T9S, R23E
rit top proc	. micrial re	ported our	• • • • • • • • • • • • • • • • • • • •											County o		<u> </u>	13. State
At total dep	th												UIN				UTAH
14. Date S	oudded			5. Date		eached				e Complete D & A		dy to Prod.	1		ıs (DF, Rk	CB, RT	T, GL)*
04/20/07	7		0	5/13/0	)7				06/14		IX Real	19 to 110d.	5037	'GL			
18. Total I	Pepth: MI		8358	3'	19. Pl	lug Back T.		MD TVD	8313	l		20. Depth	Bridge	Plug Set:	MD TVD		
21. Type E	lectric & Ot	her Mech	anical I	Logs Rui	n (Subn	nit copy of e	each)					well cored			Yes (Sub		
											1	DST run?			Yes (Sub		• • •
CBL-CC											Dire	ctional Sur	vey? 42	No	Yes (	Subm	it copy)
23. Casing	and Liner R	lecord (R	eport a	ll strings	set in	well)		Stage Ce	menter	No of	Sks. &	Slurry V	ol l		······	-	
	Size/Grade			Top (N	MD)	Bottom (N	MD)	Dep		Type of	Cement	(BBL)		Cement	Top*	Ar	nount Pulled
20" 12 1/4"	14" 9 5/8"	36.7 32.3				40' 2270	,				SX SX		-	<del> </del>			
7 7/8"	4 1/2"	11.6				8358		_			SX						
1 170	7 172	- 11.0	-			0000			=	- 100							
24. Tubing	Record											•					
Size	Depth Se		Packet	r Depth (	(MD)	Size		Depth Se	t (MD)	Packer De	pth (MD)	Siz	e	Deptl	n Set (MD	) P	acker Set (MD)
2 3/8"	712	27'										ļ		-	<del></del>		
25 Produc	ing Interval:	2	<u> </u>					26. Perfo	oration R	ecord		L		<u> </u>			
25. 110dac	Formation			Top	<u> </u>	Botton	1		forated I			Size	No	. Holes	1	Perf.	Status
WASA7	CH/MES		DE	·620		6316	;	6	200'-6	316'		0.34		36		OF	PEN
<sub>B)</sub> V	<b>ESAVEF</b>	RDE		705	6'	8285	'	7	056'-8	285'		0.36		114		OF	PEN
C)						ļ					_						
D)					D.	<u> </u>		<u>.</u>									
	racture, Tre Depth Inter		ement	Squeeze,	Etc.					Amount an	d type of	Material	, E	CC	-1) / -		
	3200'-63		- F	MP 8	35 BE	BLS SLIC	K F	120 & 2					F		EIVE	<del>U</del> –	<del></del>
	7056'-82					BLS SL								JUL 1	7 200	7	
															- 2001		
													DIV. O	FOIL G	AS & MI	NING	
	tion - Interv		Test	Oil		Gas	Wate	·	Oil Grav	rity.	Gas			tion Metho		141110	
Date First Produced	Test Date	Hours Tested	Product			MCF	BBL		Corr. AF	-	Gravity		Troduc	non wieno	•		
06/14/07	06/18/07	24	<del></del>		100	1,551		300						FLO\	WS FR	<u> </u>	<u> NELL</u>
Choke Size	Tbg. Press. Flwg. 738#	Csg.	24 Hr. Rate	Oil BBI		Gas MCF	Wate BBL		Oil Grav Corr. AF	•	Well Statu	S					
20/64	SI	1126#			100	1551		300	00	•		PF	RODL	CING	GAS W	'ELL	
	ction - Inter	val B															
Date First		Hours	Test	Oil tion BBI		Gas MCF	Wate BBL		Oil Grav Corr. AF	-	Gas Gravity		Produc	tion Metho	d		
Produced 06/14/07	Date 06/18/07	Tested 24			100	1551	المال	300	371.711	-				FLO\	WS FR	ОМ \	NELL
Choke	Tbg. Press.	Csg.	24 Hr.	Oil		Gas	Wate	er .	Oil Grav	-	Well Statu	s					
Size 20/64	Flwg. 738# SI	Press. 1126#	Rate	BBI	L 100	мсғ 1551	BBL	300	Corr. AF	-1		PF	RODL	CING	GAS W	ELL.	

	duction - Inte			Table		1	Tono :	lo- o	Dead asign Made a	
Date First Produced	Test Date	Hours Tested	Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
28c. Pro	duction - Inte	rval D								
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method	
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas : Oil Ratio	Well Status		
SOLD	osition of Ga						1	21 Formatic	on (Log) Markers	
30. Sum	mary of Poro	us Zones (1	nciude Aqui	ilers).				51. Formatic	on (Log) Markers	
tests	w all importar , including de recoveries.	nt zones of opth interva	porosity and il tested, cus	d contents the	hereof: Core time tool ope	ed intervals and n, flowing and	d all drill-stem shut-in pressures			
Fo	rmation	Тор	Bottom		Descri	ptions, Conten	ts, etc.		Name	Top Meas. Depth
		<del> </del>		+						1
	VERDE	4474' 6284'	6284'						,	
32. Add	itional remar	ks (include	plugging pr	ocedure):						
33. Circ	le enclosed a	ttachments	:							
1. F	Electrical/Med Sundry Notice	chanical Lo	gs (1 full se	et req'd.) ent verificat		2. Geologic Re 5. Core Analys	•	OST Report Other:	4. Directional Survey	
36. I her	eby certify th	at the foreg	oing and at	tached infor	rmation is co	mplete and cor	rect as determined		e records (see attached ins	
Nam	ne (please prii	sHE	ILA UPC	HEGO		1111	Title	SENIOR	LAND ADMIN SPE	ECIALIST
•	ature	M	UL	14	M	WJL	Date	7/11/200		
Title 18	U.S.C. Section	n 1001 and	Title 43 U.S	S.C. Section	1212, make i	t a frime for an	y person knowingly	and willfully to n	nake to any department or a	agency of the United

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a same for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

1.				

FORM APPROVED

OMB No. 1004-0135

Expires Jnovember 30, 2000

SUNDRY	UTU-01301				
Do not use this	form for proposals to	drill c	or reenter an		6. If Indian, Allottee or Tribe Name
abandoned well.	Use Form 3160-3 (APD)	for suc	ch proposals.		
- 16.	ICATE – Other instru	ctions	on reverse	side	7. If Unit or CA/Agreement, Name and/or No.
1. Type of Well  Oil Well  Gas Well	Поч				8. Well Name and No.
Name of Operator	Other				
				L	HATCH 923-13C
KERR-McGEE OIL & GAS	ONSHORE LP	1			9. API Well No.
3a. Address			none No. (include	· L	4304736859
1368 SOUTH 1200 EAST \			781-7024		10. Field and Pool, or Exploratory Area
4. Location of Well (Footage, Sec., 7	l., R., M., or Survey Description	n)		L.	UNDESIGNATED
NEANA 050 40 700 D00	E 404/E411 0000/E1411				11. County or Parish, State
NE/NW SEC. 13, T9S, R23l	= 491′FNL, 2098′FWL			<u> </u>	UINTAH COUNTY, UTAH
12. CHECK APP	ROPRIATE BOX(ES) TO I	NDICA'	TE NATURE C	F NOTICE, RE	PORT, OR OTHER DATA
TYPE OF SUBMISSION			TYP	E OF ACTION	
Notice of Intent  Subsequent Report	Acidize Alter Casing Casing Repair	Fra	epen cture Treat w Construction	Production (S	Start/Resume) Water Shut-Off Well Integrity Other COMMINGLING
	Change Plans	Personal	g and Abandon	Temporarily	
Final Abandonment Notice	Convert to Injection	Plu	g Back	Water Dispo	sal
If the proposal is to deepen directions Attach the Bond under which the wo following completion of the involved	ally or recomplete horizontally, girk will be performed or provide to operations. If the operation result bandonment Notices shall be filed that inspection.	ve subsurthe Bond lts in a m d only aft	face locations and No. on file with E ultiple completion ter all requirement	measured and true BLM/BIA. Require or recompletion in s, including reclan	
THIS SUNDRY IS BEING RETUR	NED-INSUFFICIENT D	ATAW	AS SHRAUTT	ED TO APPRO	OVE THE RECEIVED ON
appucation in accordance with re049-54.	22 was not submitted. Approval of This Action is Nec		D	161/10	Novapa 12, 4002007
					DIV. OF OIL, GAS & MINING
14. I hereby certify that the foregoing	is true and correct				
Name (Printed/Typed)		Title			
SHEILA UPCHEGO		SEI		ADMIN SPE	CIALIST
O DELIVERIAL OF MAINTENANCE OF THE PROPERTY OF	12/11/11/11		e otember 26, 2	2007	
71 111	THIS SPACE		EDERAL OR S		
Approved by	V		Title		Date
Conditions of approval if any are attached	Approval of this section Jacobs		000		

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse) Date:

certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Sundry Number: 58489 API Well Number: 43047368590000

	STATE OF UTAH DEPARTMENT OF NATURAL RESOUR		FORM 9
	5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-088137		
SUNDR	RY NOTICES AND REPORTS	ON WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
	oposals to drill new wells, significantly reenter plugged wells, or to drill horize n for such proposals.		7.UNIT or CA AGREEMENT NAME:
1. TYPE OF WELL Gas Well			8. WELL NAME and NUMBER: HATCH 923-13C
2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON	ISHORE, L.P.		<b>9. API NUMBER:</b> 43047368590000
<b>3. ADDRESS OF OPERATOR:</b> P.O. Box 173779 1099 18tl	h Street, Suite 600, Denver, CO, 8021	<b>PHONE NUMBER:</b> 7 3779 720 929-6	9. FIELD and POOL or WILDCAT: 1NATERAL BUTTES
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0491 FNL 2098 FWL			COUNTY: UINTAH
QTR/QTR, SECTION, TOWNSH	HIP, RANGE, MERIDIAN: 13 Township: 09.0S Range: 23.0E Mer	idian: S	STATE: UTAH
11. CHEC	K APPROPRIATE BOXES TO INDICA	TE NATURE OF NOTICE, REPOR	RT, OR OTHER DATA
TYPE OF SUBMISSION		TYPE OF ACTION	
	ACIDIZE	ALTER CASING	CASING REPAIR
NOTICE OF INTENT Approximate date work will start:	CHANGE TO PREVIOUS PLANS	CHANGE TUBING	CHANGE WELL NAME
Approximate date work will start.	CHANGE WELL STATUS	COMMINGLE PRODUCING FORMATIONS	CONVERT WELL TYPE
SUBSEQUENT REPORT Date of Work Completion:	DEEPEN	FRACTURE TREAT	☐ NEW CONSTRUCTION
12/3/2014	OPERATOR CHANGE	PLUG AND ABANDON	PLUG BACK
	PRODUCTION START OR RESUME	RECLAMATION OF WELL SITE	RECOMPLETE DIFFERENT FORMATION
SPUD REPORT Date of Spud:	_		
	REPERFORATE CURRENT FORMATION	SIDETRACK TO REPAIR WELL	☐ TEMPORARY ABANDON
DRILLING REPORT	L TUBING REPAIR	☐ VENT OR FLARE ☐	☐ WATER DISPOSAL
Report Date:	WATER SHUTOFF	SI TA STATUS EXTENSION	APD EXTENSION
	WILDCAT WELL DETERMINATION	✓ OTHER	OTHER: LEASE # CORRECTION
Please note the LEA LEASE # should b because we assign	COMPLETED OPERATIONS. Clearly show ASE # of UTU-1301 is no long the UTU-088137. The lease were with the control of the control	iger valid and the correct vas segregated in 2010 and operating rights to r of the lands was then	Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 03, 2014
NAME (PLEASE PRINT) Doreen Green	PHONE NUMB 435 781-9758	BER TITLE Regulatory Analyst II	
SIGNATURE	100 101 0100	DATE	
N/A		12/3/2014	